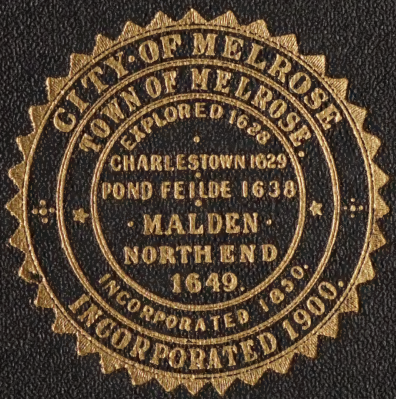
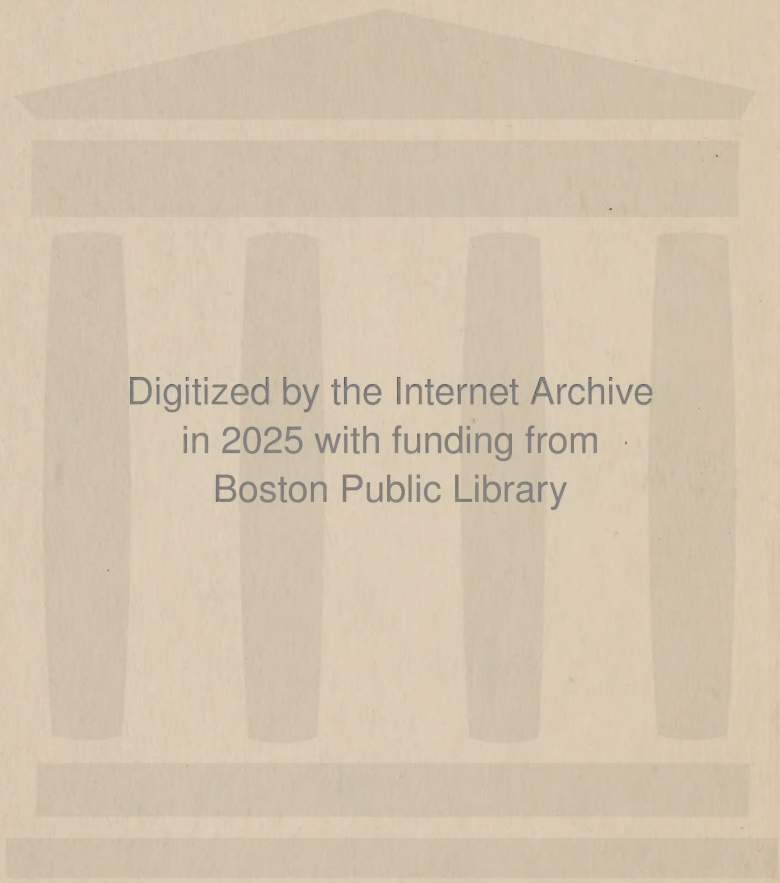

CITY OF MELROSE
TOWN OF MELROSE
EXPLORED 1629
CHARLESTOWN 1629
POND FEILDE 1638
MALDEN
NORTH END
1649.
INCORPORATED 1850.
INCORPORATED 1900.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CITY OF MELROSE

MASSACHUSETTS

Annual Reports

1929

PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN
UNDER THE DIRECTION OF THE CITY CLERK
AND SPECIAL COMMITTEE

MELROSE, MASS.
THE MELROSE FREE PRESS, INC.
1930

STANDING COMMITTEES OF THE BOARD OF ALDERMEN

Appropriations

John F. Rufle, Chairman; Hyland, Camerlin, Robinson, Bruce, Bolton, Milano, Dole, Anderson and Kellogg

---

Education, Health and Public Welfare

Horace H. Bolton, Chairman; Dole, Rufle, Kellogg and Hyland

Finance

Sumner F. Hyland, Chairman; Milano, Kellogg, Rufle and Anderson

---

Highways

Joseph A. Milano, Chairman; Robinson, Bruce, Dole, Rufle, Hyland and Camerlin

---

Legal and Legislative

Robert P. Anderson, Chairman; Bruce and Bolton

Protection and License

Walter W. Bruce, Chairman; Camerlin, Anderson, Bolton and Robinson

---

Public Service

Charles B. Camerlin, Chairman; Kellogg, Milano, Robinson and Dole

---

President, ex-officio a member of all standing committees.

City Officers and Office Hours

The offices hereinafter named shall be opened to the public for the transaction of business from 8.00 a.m. to 5 p.m., daily, except Saturday, Sundays and Legal Holidays, viz: the offices of the City Clerk, City Collector, Engineer and Superintendent of Public Works, Board of Assessors, Board of Health, Board of Public Welfare, City Treasurer and City Auditor; and on Saturdays the said offices shall be open as aforesaid from 8.00 a. m. to 12.00 noon, except when a legal holiday falls on a Saturday. The aforesaid offices shall be open on the first and third Mondays of every month from 7.00 p. m. to 9.00 p.m., and on all other Monday evenings from 7.00 p.m. to 8.00 p.m., except during the months of July and August. (Chapter 29, section 16, Revised Ordinances.)

City Clerk
VICTOR C. KIRMES, 9 Leonard Road

Assistant City Clerk
E. Maude Brown, 17 Natalie Avenue

City Treasurer
S. Homer Buttrick

City Collector
William A. Carrie

City Auditor
William T. Wolley

Engineer and Superintendent of Public Works
Frank Emerson

City Solicitor
Oscar Storer

Mayor's Secretary
Blanche E. Nickerson

FIRE DEPARTMENT

Chief
Frank C. Newman

POLICE DEPARTMENT

Captain
Louis B. Heaton

Inspector of Buildings
Angus MacDonald

Inspector of Plumbing
Fred A. Young

Inspector of Animals and Slaughtering
Palmer Corbett, V. S.

Collector of Milk Samples
John A. Divver

Inspector of Milk and Vinegar
Harold R. Munro

Sealer of Weights and Measures
Wesley H. Murray

Burial Agent and Agent for State and Military Aid and Soldiers' Relief
Mary A. Kenah

Assessors

Joshua T. Nowell
Frederick W. Patten
John C. Crolly

Inspector of Wires

Fred A. Edwards

Board of Health

Dr. Clarence P. Holden, Chairman
Melvin A. Walter
Dr. Melvin S. McLeod

City Physician

Dr. Clarence P. Holden

School Physicians

Dr. Walter H. Flanders, Dr. Kenneth A. Maclachlan, Dr. Edward L. Marr

---

Public Health and School Nurse

Mrs. Myrtle S. Meriam

Board of Public Welfare

Adaline G. Reed, Chairman

Thomas F. Troy — Eugene L. Pack

Park Commissioners

Richard J. Lord, Chairman.....Term expires 1935
Roy L. Bosworth.....Term expires 1931
Neil S. Casey.....Term expires 1932
Earle J. MacLean.....Term expires 1933
J. Ralph Hebblethwaite.....Term expires 1934
George W. Rogers, Supt.....

Board of Appeal

George H. Varney, Chairman.....Term expires 1934
William B. Wadland.....Term expires 1931
Victor H. Mutty.....Term expires 1931
Thoms McKie.....Term expires 1932
Royal B. Wills.....Term expires 1932

———

Superintendent of Schools

Herman H. Stuart

———

School Committee Members

Charles H. Adams,.....Term expires 1932
Maude M. Johnson.....Term expires 1930
Robert A. Perkins.....Term expires 1930
Paul H. Provandie.....Term expires 1930
Harry F. Sears, Chairman.....Term expires 1930
Frank J. Sherman.....Term expires 1930
Chester B. Allen.....Term expires 1932
Margaret H. Lang.....Term expires 1932
Edward J. Wall.....Term exipres 1932

———

Sinking Fund Commissioners

Edward J. Kitching, Chairman.....
Franklin P. Shumway.....
Henry N. Andrews.....

———

Trustees of Memorial Building

Fred E. Ellis, Chairman.....Term expires 1931
Louis K. McNally.....Term expires 1931
Edward J. Lord.....Term expirer,1932
Leslie B. Ellis.....Term expires 1930
Leon H. Palmer.....Term expires 1930

Trustees of Public Library

Rev. Paul Sterling, Chairman.....Term expires 1930
Mary D. Dike.....Term expires 1931
Neil A. Divver.....Term expires 1931
Frank W. Campbell.....Term expires 1932
Mary C. Barton.....Term expires 1932
Ralph G. Harmon.....Term expires 1930

———

Cemetery Committee

Harold W. Anderson, Chairman

Albert G. Armington Carl F. Shaw

Roscoe A. Leavitt, Supt.

Inspector of Soldiers' and Sailors' Graves

Roscoe C. Wallace

———

Registrars of Voters

Edwin L. Cragin, Chairman.....Term expires 1931
John J. Keating.....Term expires 1932
Charles E. Holt.....Term expires 1930
Victor C. Kirmes, City Clerk.....Ex-officio

———

Dog Officer

M. James Hanley

———

Keeper of the Lock-up

Louis B. Heaton

———

Planning Board

Eva G. Osgood, Chairman.....Term expires 1930
Charles H. Gilmore.....Term expires 1931
Albert A. Hersey.....Term expires 1931
Albe S. Noyes.....Term expires 1931
Ethel G. Collins.....Term expires 1932
George C. Glover.....Term expires 1932
Edwin E. Prior.....Term expires 1932
Paul C. Dow.....Term expires 1930
H. Florence Hoyt.....Term expires 1930

Board of Survey

William J. L. Roop.....Term expires 1931
Bertram E. Lovejoy.....Term expires 1932
William E. Waterhouse.....Term expires 1930

Fence Viewers

Daniel J. Lucey Willis A. Smith Lewis C. Hoyt

Report of Board of Appeal

To His Honor, the Mayor and the Honorable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:—

In accordance with the provisions of Chapter XXIX of the Revised Ordinances of the city of Melrose, I have the honor to submit herewith the annual report of the Board of Appeal, the same being for the year 1929:

On January 10th, 1929, the Board of Appeal organized for the year by electing Mr. Royal B. Wills, as the Chairman, and requesting Mr. Rogers to let his resignation as the Clerk of the Board remain on the table until such time as the Board may be able to have someone capable to fill the same.

The Board during the year 1929, held twenty meetings of which number there were held twenty-four hearings on appeals from the decision of the Inspector of Buildings. Of the twenty-four cases before the Board, the decision of the Inspector of Buildings was upheld in three of them and balance of which twenty were granted permission to construct contrary to the decision of the Inspector and one other was withdrawn.

Decision of Inspector of Buildings reveresed in	20 cases
Decision of Inspector of Buildings affirmed in	3 cases
Cases withdrawn	1 case
Total number of cases in 1929 were	24

Respectfully submitted,

GEORGE H. VARNEY,
Chairman

Report of Board of Assessors

To His Honor, the Mayor and Board of Aldermen,

Gentlemen:

The Board of Assessors respectfully submits the following report of the Assessing Department for the year ending December 31, 1929.

Taxable Valuation of the City:	
Real Estate	$32,813,550.00
Personal Estate	2,226,425.00
Total Taxable Valuation	$35,039,975.00

BUDGET

City Budget		$1,167,879.76
State Tax		40,800.00
Metroplitan Sewer Tax		26,793.55
Metropolitan Park Tax		21,063.33
Charles River Basin Tax		3,440.37
State Highway Tax		29.05
Fire Prevention Tax		296.77
Southern Traffic Route Tax		217.11
Northern Traffic Route Tax		2,279.25
Metropolitan Planning		276.98
Smoke Nuisance		107.20
Saugus Water		40.00
Advertising Municipal Accounts		507.05
Snow Removal		3.75
Cottage Farm Bridge		11,977.86
County Tax		46,424.10
Overlay		21,885.53
		$1,344,283.66
Less Income Tax	$108,572.50	
Motor Ex. Est	45,000.00	153,572.50
Amount raised on Polls and Property		$1,190,711.16
6684 polls at $2.00 each	$13,368.00	
$35,039,975 property at $33.60 per thousand	1,177,343.16	
	$1,190,711.16	$1,190,711.16

ADDENDUM

Year	Census	Dwellings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valuation	Rate per $1,000	City Appropriation	Sewerage Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865	19.40	255,567.13	14,834.95	8,494.76	23,760.00 *19.51	16,478.32	9,224.31	328,378.98	1910
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625	20.40	276,517.13	15,496.52	11,634.39 *4,076.16 9,412.75	23,760.00 *20.00	15,170.07	7,067.28	353,741.55	1911
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800	20.40	283,731.71	15,804.48	*1,323.37 10,262.39 *1,655.79	27,000.00 *18.75	14,860.33	12,466.03	364,517.12	1912
1913	16,612	3,611	4,620	9,791,425	5,791,425	15,582,625	2,420,900	18,003,525	20.40	289,544.80	17,103.24	10,558.39 1,731.04	32,640.00 *20.00	16,466.40 *1,502.39	7,316.90	376,511.91	1913
1914	17,037	3,674	4,685	10,144,550	5,816,700	15,961,250	2,606,080	18,567,330	21.70	316,917.47	17,437.18	10,796.50 1,621.29	35,700.00 67.65	19,577.92 136.46	10,154.95	412,281.06	1914
1915	17,096	3,748	4,850	10,494,300	5,823,300	16,317,600	2,623,780	18,941,380	23.70	359,106.29	17,201.57	8,183.80 *1,834.04	39,780.00 52.40	20,682.55 133.25	9,236.85	458,610.70	1915
1916	17,317	3,864	4,949	10,957,650	5,891,700	16,849,350	2,795,800	19,645,150	22.00	350,771.03	16,153.54	10,464.99 1,974.84	32,000.00 *200.00	20,650.93 *289.30	12,008.66	442,091.30	1916
1917	17,275	3,958	5,061	11,326,050	5,916,700	17,242,750	1,530,000	18,772,750	23.40	379,561.18	17,657.22	10,597.62 2,007.80	43,450.00 200.54	19,871.65 225.67	14,833.40	449,404.35 *38,835.14	1917
1918	17,353	3,464	5,043	11,519,250	5,912,150	17,431,400	1,644,975	19,076,375	23.40	413,680.07	18,851.06	12,182.89 2,131.59	43,450.00 208.65	21,532.85 205.30	11,719.08	522,252.43 *65,799.23	1918
1919	18,114	3,973	5,169	12,203,650	6,048,425	18,252,075	1,951,500	20,203,575	26.20	488,671.38	18,714.38	12,381.78 *2,177.13	45,474.00 284.00 †461.53	22,040.33 286.41	8,045.26	597,830.22 58,158.56	1919
1920	18,371	3,981	4,585	12,799,450	6,079,350	18,878,800	2,206,600	21,085,400	29.50	569,876.17	19,111.76	13,576.76 *2,254.37	57,174.00 †545.34	23,923.39 862.60 13,755.05	9,098.07	708,821.41 65,877.11	1920
1921	18,670	4,010	4,661	13,453,550	6,417,750	19,871,300	2,606,050	22,477,350	30.80	623,903.04	23,447.16	14,037.11 2,213.39	46,560.00 557.06	31,197.18 724.32	10,697.21 13,993.00	777,502.38 *61,895.00	1921
1922	18,964	4,048	5,424	14,017,500	6,469,050	20,486,550	2,617,950	23,104,500	32.60	684,835.78	21,359.60	15,293.01 2,441.56	46,560.00 471.68	29,576.48 232.67	19,182.61 16,272.00	834,826.70 *54,500.00	1922
1923	19,368	4,106	5,492	16,198,650	6,570,350	22,769,000	2,710,800	25,479,800	30.80	715,248.68	23,547.37 1,935.89	15,503.70 2,388.03	38,800.00 508.00	28,652.62 237.98	20,795.85 16,476.00	871,660.64 *59,422.80	1923
1924	20,197	4,208	5,658	17,404,450	6,823,800	24,228,250	2,978,700	27,206,950	30.60	772,887.24	22,848.59	17,142.06 *2,593.26	47,040.00 †629.87	30,876.18 249. 35,829.68	20,646.66 223.34 17,848.88	904,991.57 *61,142.90	1924
1925	20,302	4,311	5,815	18,699,000	6,875,500	25,574,500	3,183,200	28,757,700	32.20	850,764.17	25,330.96 843.09	19,505.23 2,603.30 3,235.32 231.68 302.58	47,040.00 436.05 408.10	254.72 39,379.87 255.04	66.39 237.26 14,812.61	998,581.50 *60,953.60 1,080,024.45	1925
1926	20,865	4,449	5,994	20,467,600	7,317,500	27,785,100	3,484,900	31,270,000	32.10	925,465.94	26,278.73	19,880.42 1,952.55 2,513.34 397.26	47,040.00 568.00 262.61 265.47 33.88	41,025.11 4,306.77	10,530.11	*64,269.45 1,102,970.51 67,820.19	1926
1927	21,652	4,575	6,268	21,854,250	7,363,350	29,217,600	3,558,500	32,776,100	31.20	946,741.98	27,452.61	17,152.10 2,961.86 634.97 786.90 1,435.56	37,315.00 273.27 2,051.95 253.16 121.29 2.66	39,291.06 3,010.85	14,719.84	1,190,639.22 *84,691.30	1927
1928	22,587	4,768	6,591	23,575,450	7,479,300	31,054,750	3,526,450	34,581,200	31.60	1,043,604.08	27,025.33	21,063.33 3,440.37 217.11 2,279.25 11,977.86	40,800.00 276.98 107.20 40.00 291.05 296.77 507.05 3.75	46,424.10	21,885.53	1,190,711.16	1928
1929	23,440	4,858	6,684	25,120,150	7,693,400	32,813,550	2,226,425	35,039,975	33.60	1,167,879.76	26,793.55						1929

*Less Income Tax

Amount raised on Real Estate	$1,102,535.28
Amount raised on Personal Estate	74,807.88
Amount raised on Polls	13,368.00
	$1,190,711.16

Numbers of persons, partnerships and corporations assessed on property	8216
Number of persons assessed poll tax	6684
Number of horses assesssed	53
Number of cows assessed	188
Number of dwellings assessed	4858

VALUATION OF EXEMPTED PROPERTY

Houses of religious worship	$774,500.00
Literary institutions	132,400.00
Benevolent institutions	391,500.00
Cemeteries	17,000.00
	$1,315,400.00

Respectfully submitted,

FREDERICK W. PATTEN
JOSHUA T. NOWELL
JOHN C. CROLLY
Board of Assessors

Report of the Board of Health

To the Honorable Mayor and Board of Aldermen, City of Melrose,

Gentlemen:—

The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1929.

ORGANIZATION OF BOARD

Clarence P. Holden, M.D., Chairman — Melvin S. McLeod, M.D.
Lillian H. Willey, Clerk — Melvin A. Walter

GENERAL HEALTH.—The records of the department indicate that the general health during the year was good with a slight decrease in the total number of deaths and a slight increase in the number of births.

SCARLET FEVER.—Total number of cases 46, with no deaths. This is the lowest record since 1923.

TYPHOID FEVER.—Only 1 case reported and no deaths.

DIPHTHERIA.—Ten cases reported and 2 deaths. Further observation only confirms previous conclusions as to the value of the Schick treatment in the prevention of diphtheria. Every year the Board of Health offers free treatment to all children in the public schools and to younger children at home whose parents wish them to have it.

TUBERCULOSIS OF THE RESPIRATORY SYSTEM.—Sixteen cases and 4 deaths.

TUBERCULOSIS, OTHER FORMS.—Five cases and 3 deaths. The re-examination of children in Melrose, in connection with the State Tuberculosis Clinic, was held at the High School in October. Ten children were examined; 8 were reported as improved and 2 unimproved.

INFANT MORTALITY.—The rate of Infant Mortality for the year was 33.63 per 1,000 children born. This is the lowest record for Infant Mortality in Melrose since records have been kept. This rate is much below the average for the United States as well as for the State of Massachusetts. It is also noteworthy that the number of stillbirths during the year is the lowest ever recorded here, the total number being eleven.

The flat death rate for 1929 was 11.09, while the corrected death rate was still less, being 10.62.

DAIRY INSPECTION.—Twelve local dairies were inspected: 10 rated good, 2 fair and 0 unclean. Two pasteurization plants were licensed during the year.; 147 milk and oleo licenses were issued. Other licenses issued were as follows: Alcohol 12, grease and bones 4, undertakers 6, manicuring and massage 3, ice 13. The board adopted the following regulation to go into effect September 1, 1929, with respect to the pasteurization of milk:

"No person shall sell, exchange or deliver in the city of Melrose or have in his custody or possession with intent to sell, exchange or deliver milk brought into said city unless the cows from which said milk was produced, or, in case said cows are in a herd of cattle, all the cattle of such herd have been tested within six months prior thereto by the tuberculin test as established under the laws of Massachusetts and have been certified by a veterinarian acting under the direction of the Department of Animal Industry not to react to the tuberculin injection and to be otherwise healthy. This regulation shall not apply to pasteurized milk. This regulation shall take effect September 1, 1929." Under this regulation four dairymen had their herds tested and are selling raw milk. Three discontinued retailing and are selling their milk to other dealers for pasteurization.

BAKERIES.—All bakeries were inspected as required by law and the regulations. Minor recommendations were made in several instances and in one case baking was ordered discontinued until necessary cleaning was carried out.

NUISANCES.—Number of complaints investigated 51; number found with no cause for complaint 6; abated 45.

MEDICAL INSPECTION OF SCHOOL CHILDREN.—An important feature of public health work is the medical inspection of the pupils of the public schools. This work has been carried on as in previous years, with extension and improvement along certain lines. More pupils in the grades have been examined, also the entering class of the High School. The supervision of school children is invaluable to this department in the detection of cases of contagious disease, which might otherwise remain unknown and be a great menace to the city.

Free Schick tests and treatments were given to 201 pupils, a total of almost 900 separate treatments.

BOARDING HOUSES FOR INFANTS.—The Board approved 14 applications for licenses to maintain boarding houses for infants.

MOSQUITO INFESTATION.—An appropriation of $4,000.00 for mosquito suppression in Melrose was available, the work being under the supervision of the Board of Health. A survey disclosed the following:

First, that while Melrose has no salt marshes yet within a radius of about eight miles are large areas of salt marshes which provide vast breeding grounds for the salt marsh mosquito. It is an accepted fact that while mosquitoes bred in fresh water swamps; ditches, open water barrells and various other places, do not as a rule travel far, possibly a half mile, the salt marsh mosquito may and does travel 25 miles inland. This means that until all the salt marshes near us are taken care of we are exposed to infestation.

Second, that the low lands lying between Melrose and Malden, which are frequently flooded, provide a large breeding ground. This is due largely to the very old problem of better drainage of Spot Pond Brook. This particular mosquito nuisance cannot be abated without the co-operation of the city of Malden.

Third, that a large area around Ell Pond with its swamps and stagnant ditches is a prolific breeding ground. The pond in the Wyoming Cemetery and another pond in Pine Banks Park are serious problems. Impounded waters in various places in the city require drainage. House to house inspection disclosed open cesspools, water barrels containing fertilizer for garden purposes, all breeding mosquitoes.

There are some facts with respect to mosquitoes that everyone should know: the mosquito exists in three forms, first the egg, second the larva or wiggler, and third the fly. In the larval form or as a wiggler he exists about 10 days and his life is the life of a fish: he cannot live except in water. After he emerges as a fly he cannot live in water, only in the air, although he seeks wet grass as a hiding place. Practically the work of mosquito suppression is confined to the larval stage, when he becomes a fly he has us beaten.

The work of mosquito suppression involves only three things:—drainage of such places as can be drained, filling of low lands which cannot be drained and oiling of places including catch basins and ditches, that can neither be drained or filled. Of our expenditures this year about $1,000.00 was for ditching and approximately $1,500.00 each for filling and oiling. The work of filling has been done largely in Ell Pond Park with the co-operation of the Park Commission.

There can be no assurance of successful mosquito suppression in Melrose unders several years,—the last mosquito will not be caught this year. Brookline has been fighting mosquitoes for twenty years and is still fighting them. New Jersey is spending very large sums, probably increasing the amount every year. We know that mosquito work has conquered yellow fever, that without it the building of the Panama Canal could not have been accomplished. No one familiar with the work of mosquito suppression doubts that the mosquito nuisance as it exists in eastern Massachusetts can easily be conquered.

Respectfully submitted,

CLARENCE P. HOLDEN
M. S. McLEOD, M. D.
Board of Health

Table I
FINANCIAL STATEMENT

	1928	Totals 1928	1929	Totals 1929
Total Appropriation		$13,740.00		$18,650.00
EXPENDITURES				
General Administration		$3,036.42		$3,143.69
Salary of Board	$1,300.00		$1,350.00	
Salary of Clerk	1,500.00		1,580.00	
Telephone	91.21		92.54	
Stationer, Postage and Box Rent	35.50		23.00	
Transportation and Use of Car	90.00		90.00	
Sundries	19.71		8.15	
Other Expenses		1,999.41		2,337.91
Plumbing Inspection	1,450.00		1,650.00	
Burial Dead Animals	105.00		124.50	
Dumps and Dump Signs	29.46		23.50	
Medicine	1.72		10.89	
Office Supplies	120.03		140.81	
Transportation and Use of Car	140.80		95.75	
Ads. and Reports	33.36		23.00	
Plumbing Inspector's Car Maintenance	19.48		235.92	
Sundries	67.56		33.50	
Quarantine and Contagious Dis. Hosp.		3,028.77		1,333.44
Maintenance Patients in Hospitals	2,730.00		1,086.62	
Transportation and Use of Car	94.00		90.00	
Antirabic and Immunizing Treatments	86.87		33.95	
Medical Supplies	44.10		41.42	
Sundries	73.80		81.45	
Inspection		4,733.33		5,280.55
School Physicians	720.00		900.00	
Inspection of Milk and Analyses	333.33		618.05	
Inspection of Animals and Slaughtering	200.00		200.00	
Inspection of Food Products	200.00		200.00	
Public Health Nurse and Use of Car	700.00		900.00	
School Nurses and Use of Car	2,580.00		2,460.00	
Tuberculosis		901.00		1,379.10
Outside Aid	312 00		359.15	
*Board and Supplies in Hospitals	488.00		1,016.50	
Transportation and Use of Car	95.00			
Medicine and Sputum Cups	6.00		3.45	
Mosquito Suppression				3,962.52
Drainage, Oiling and Filling			3,962.52	
Care and Disposal of Stray Animals (for six months)				250.00
Total Expenditures		$13,698.93		$17,687.21
Revenues of Board of Health		$537.43		$362.96
Licenses	98.50		129.00	
Reimbursements	438.93		233.96	

*Paid by Board of Assessors by County Warrant for tuberculosis cases at Rutland State Sanatorium $3,010.85 $4,686.91

Table II

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying in hospitals out of town.

Months	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis						Totals for Months	
																	Pulmonary and Miliary		Meningeal		Other Forms			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	..	..	5	..	..	..	2	1	3	..	..	..	1	..	..	..	..	1	..	..	..	..	11	2
February	4	2	6	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	12	2
March	1	..	7	..	..	..	1	..	16	..	..	..	..	..	..	..	3	..	..	..	..	..	28	..
April	..	..	3	..	..	..	..	..	9	..	..	..	..	..	..	..	1	2	..	..	2	..	15	2
May	..	..	5	..	..	..	5	..	5	..	..	..	..	..	..	..	2	..	..	..	..	1	17	1
June	2	..	..	..	..	..	5	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..
July	..	..	4	..	1	..	1	..	14	..	..	..	..	..	..	..	1	..	..	..	1	1	21	1
August	1	..	2	..	..	..	..	..	23	1	..	..	..	..	..	..	1	..	..	..	..	..	28	1
September	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	3	..	..	..	..	..	9	..
October	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	3	1	..	..	..	..	5	..
November	1	..	8	..	..	..	1	..	2	..	..	..	..	..	..	..	1	..	..	..	1	..	14	1
December	..	..	6	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	1	1	13	1
Totals	10	2	46	..	1	..	15	1	95	1	..	..	2	..	..	..	16	4	..	..	5	3	190	11

Table III

CASES AND DEATHS OF CERTAIN DISEASES EACH YEAR, FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying in hospitals orout of town.

Years	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary and Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1920	32	2	42	..	4	..	367	1	34	1	..	..	1	..	4	..	12	9	..	2	4	3
1921	69	3	43	..	6	1	29	..	1	..	..	..	4	..	3	..	19	13	..	..	3	1
1922	17	1	81	..	5	1	167	..	18	..	..	..	..	..	1	..	19	8	3	3	6	1
1923	14	2	90	1	3	..	156	..	67	2	..	..	..	..	..	..	24	6	..	..	3	..
1924	27	2	150	2	2	..	18	..	7	..	..	..	1	..	..	..	13	3	1	2	5	1
1925	25	3	57	2	5	..	375	..	49	2	..	..	..	..	2	..	23	12		1	5	3
1926	6	2	50	2	6	1	118	1	63	1	..	..	1	..	5	3	12	6	..	2	4	..
1927	5	..	77	1	10	1	162	1	24	..	..	..	2	..	4	..	19	1	3	3	14	..
1928	13	1	112	2	5	1	394	1	38	..	..	..	..	..	2	1	20	9	2	2	8	..
1929	10	2	46	..	1	..	15	1	95	1	..	..	2	..	..	..	16	4	..	..	5	3

TABLE IV

INFANT MORTALITY

(Not including stillbirths)

YEAR 1929	Total under 1 yr.	AGES											
		Under 1 day	1–2 days	2–3 days	3 days to 1 week	1–2 weeks	2–3 weeks	3 weeks to 1 mo.	1–2 mos.	2–3 mos.	3–6 mos.	6–9 mos.	9–12 mos.
January	3	2							1				
February	1	1											
March	1										1		
April	2	1						1					
May	2				1						1		
June	2	1										1	
July	1	1											
August	3	1							2				
September													
October	2	1	1										
November													
December	2		1					1					
Male	13	7	1					2	2		1		
Female	6	1	1		1				1		1	1	
White	19	8	2		1			2	3		2	1	
Colored													

TABLE V

INFANT MORTALITY

YEAR 1929 Class No.	Cause of Death		AGES												
			Total under 1 yr.	Under 1 day	1 to 2 days	2 to 3 days	3 days to 1 week	1 to 2 weeks	2 to 3 weeks	3 weeks to 1 month	1 to 2 months	2 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months
9	Whooping-cough	M	1	....	....	....	....	....	....	....	1	....	....	....	....
		F	.....	....	....	....	....	....	....	....	....	....	....	....	....
33	Tuberculosis of the intestines and peritoneum	M	1	....	....	1	....	1	....	....	....	....	1	....	....
		F	.....	....	....	....	....	....	....	....	....	....	....	....	....
100	Bronchopneumonia	M	1	....	....	....	....	....	....	....	1	....	1	....	....
		F	1	....	....	....	....	....	....	....	....	....	....	1	....
107	Other diseases of the respiratory system (tuberculosis excepted)	M	.....	....	....	....	....	....	1	....	....	....	....	....	....
		F	1	....	....	....	....	....	....	....	....	....	....	1	....
159	Congenital malformations (stillbirths not included)	M	1	....	....	....	....	....	....	1	....	....	....	....	....
		F	1	....	....	....	....	....	....	....	1	....	....	....	....
160	Congenital debility, icterus and sclerema	M	1	1	....	....	1	....	....	....	....	....	....	....	....
		F	1	....	....	....	....	....	....	....	....	....	....	....	....
161	Premature birth; injury at birth	M	5	5	....	....	2	....	....	....	....	....	....	....	....
		F	2	2	....	....	....	....	....	....	....	....	....	....	....
162	Other diseases peculiar to early infancy	M	3	1	1	....	....	....	....	1	....	....	....	....	....
		F	.....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE VI
CONTAGIOUS DISEASES

DISEASES		Under 5 yrs.	5–9	10–14	15–19	20–24	25–34	35–44	45–54	55–64	65–74	75 and over	Totals
Anterior Poliomyelitis.....	M	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicken Pox.....	M	4	3	4	1	.....	.....	.....	.....	.....	.....	.....	12
	F	2	5	1	.....	.....	.....	.....	.....	.....	.....	.....	8
Diphtheria.....	M	2	3	.....	.....	.....	.....	1	.....	.....	.....	.....	6
	F	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....	4
Dog-Bite.....	M	.....	6	5	2	.....	1	.....	.....	.....	.....	.....	14
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Encephalitis Lethargica....	M	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Epidemic Cerebro Spinal Meningitis.....	M		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Influenza.....	M	2	3	1	2		3	2	1	1	.....	.....	16
	F	.....	2	.....	1	.....	1	4	1	1	.....	.....	10
German Measles.....	M	2	6	4	3	1	1	.....	.....	.....	.....	.....	17
	F	3	11	8	1	.....	5	.....	.....	.....	.....	.....	28
Measles.....	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
	F	2	3	2	.....	.....	1	.....	.....	.....	1	.....	9
Mumps.....	M	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	5
	F	.....	2	.....	2	.....	1	.....	.....	.....	.....	.....	5
Pneumonia, Lobar.....	M	7	3	.....	2	.....	2	1	2	2	.....	1	20
	F	4	1	1	1	1	3	4	2	.....	1	3	21
Scarlet Fever.....	M	2	11	5	1	2	1	.....	1	.....	.....	.....	23
	F	6	7	1	4	.....	3	2	.....	.....	.....	.....	23
Suppurative Conjunctivitis.	M	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
	F	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Tuberculosis (Pul.).....	M	.....	.....	.....	.....	1	1	1	2	.....	.....	.....	5
	F	.....	1	1	2	.....	3	.....	3	1	.....	.....	11
Tuberculosis (Other Forms)	M	1	.....	1	.....	.....	.....	.....	1	1	.....	.....	4
	F	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Typhoid Fever.....	M	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Whooping-cough.....	M	33	20	2	.....	.....	.....	.....	.....	.....	.....	.....	55
	F	15	20	1	.....	1	1	2	.....	.....	.....	.....	40

*Reportable since Oct. 1, 1928

Table VII

INFANT MORTALITY

Year	Births	Deaths of Children under one year	Rate of Mortality of children under one year per 1,000 of children born
1923	516	25	48.64
1924	411	19	46.22
1925	487	24	49.28
1926	471	19	40.34
1927	522	18	34.48
1928	562	20	35.58
1929	565	19	33.63

There were 11 stillbirths during the year 1929.

Deaths in Melrose, 1929	Males	114
	Females	146
	Total	260

Of these deaths, children under one year..... 19
" " " persons over sixty years.....155

Classified as to Cause:		Males	Females
I	General Diseases	9	10
II	General Diseases not included in Class I..	17	23
III	Diseases of the Nervous System and of the Organs of Special Sense	23	16
IV	Diseases of the Circulatory System	32	46
V	Diseases of the Respiratory System	8	23
VI	Diseases of the Digestive System	3	6
VII	Non-venereal Diseases of the Genitourinary System and Annexa	4	6
VIII	The Puerperal State	0	3
IX	Diseases of the Skin and of the Cellular Tissue	0	2
XI	Malformations	1	1
XII	Early Infancy	9	3
XIII	Old Age	0	1
XIV	External Causes	8	6

Table VIII

ESTIMATED POPULATION APRIL 1, 1929, 23,440

	1924	1925	1926	1927	1928	1929
Apparent death rate per 1,000 population.....	11.50	13.54	11.07	11.36	11.39	11.09
*Corrected death rate per 1,000 population.....	10.90	13.34	11.07	10.50	11.43	10.62

*E.iminate deaths of non-residents and add deaths of Melrose residents dying elsewhere.

Report of Inspector of Plumbing

Permits granted for plumbing in new buildings	132
Permits granted for plumbing in old buildings	129
Total	261
Total number of permits, work approved	283
Number of water tests	203
Total number of visits of inspection	599
Sinks installed	279
Wash trays installed	238
Water closets installed	390
Bath tubs installed	290
Wash bowls installed	363
Pressure boilers installed	167
Other miscellaneous fixtures	17
New buildings connected to sewer	121
New buildings connected to cesspools	31
Old buildings connected to sewer	11
Old buildings connected to cesspools	1

Respectfully submitted

FRED A. YOUNG,
Inspector of Plumbing

PERCENTAGE OF SAMPLES COMING WITHIN CERTAIN LIMITS

DEALER	Excellent under 10,000	Very Good 10,000 to 20,000	Good 20,000 to 50,000	Fair 50,000 to 100,000	Poor over 100,000
Bloss, W. C.	.....	14.0	.....	43.0	43.0
Boyd, Frank E.:					
Family	.....	10.0	70.0	.....	20.0
Grade A	.....	25.0	50.0	.....	25.0
Cummings, F. S.:					
Family	.....	10.0	20.0	40.0	30.0
Grade A	.....	25.0	50.0	25.0	.....
Forbes Milk Co.:					
Family	10.0	10.0	60.0	20.0	.....
Grade A	.....	.....	40.0	40.0	20.0
Fyfe, W. J.	.....	11.1	33.3	33.3	22.3
Goodwille Dairy Co.:					
Family	18.2	18.2	18.2	18.2	27.2
Grade A	.....	33.3	33.3	33.3	.....
Hood, H. P. & Sons:					
Family	.....	.....	90.0	09.0	.....
Grade A	.....	.....	.....	.....	.....
Howard Farm	.....	11.1	44.4	33.3	11.1
Kiley, R. J.	60.0	20.0	20.0	.....	.....
Lord, C. G.	.....	28.6	28.6	14.2	28.6
Lucey, D. P. & J. A.	.....	.....	50.0	10.0	40.0
Manning, J. S.	40.0	10.0	40.0	10.0	.....
N. E. Creamery Pro.:					
Family	.....	.....	60.0	40.0	.....
Grade A	.....	.....	50.0	50.00	.....
Penney, H. J.	.....	.....	.....	20.0	80.0
Quinn, M. J.	36.3	09.0	18.2	36.3	.....
Spear, C. W.:					
Family	37.5	.....	25.0	25.0	12.5
Grade A	50.0	.....	50.0	.....	.....
Turner Centre System	12.5	25.0	37.5	25.0	.....
Whiting Milk Cos.:					
Family	12.5	25.0	12.5	25.0	25.0
Grade A	20.0	20.0	20.0	40.0	.....
First National Stores	11.1	.....	44.4	.....	44.4
Hampden Creamery	.....	.....	60.0	20.0	20.0

*MEDIAN COUNT AND AVERAGE CHEMICAL ANALYSES

DEALER	Median Count	Av. % Fats	Av. % Solids
Bloss, W. C.	71,000	3.50	12.13
Boyd, Frank E.:			
Family	42,000	3.85	12.52
Grade A	47,000	4.08	12.79
Cummings, F. S.:			
Family	56,000	3.70	12.43
Grade A	58,500	4.18	13.00
Forbes Milk Co.:			
Family	28,000	3.85	12.60
Grade A	64,000	4.30	13.45
Fyfe, W. J.	65,000	4.50	13.04
Goodwill Dairy Co.:			
Family	34,000	3.80	12.31
Grade A	23,000	4.40	13.18
Hood, H. P. & Sons:			
Family	40,000	3.80	12.49
Grade A	12,000	4.10	12.68
Howard Farm	42,000	3.80	12.32
Kiley, R. J.	8,250	3.65	12.42
Lord, C. G.	50,000	3.70	12.43
Lucey, D. P. & J. A.	53,000	3.65	12.39
Manning, J. S.	20,500	4.25	13.08
N. E. Creamery Pro.:			
Family	50,000	3.90	12.78
Grade A	69,000	4.45	13.09
Penney, H. J.	289,000	3.75	12.30
Quinn, M. J.	24,000	3.85	12.44
Spear, C. W.:			
Family	36,000	3.70	12.44
Grade A	16,000	4.15	12.80
Turner Centre System	31,500	3.83	12.59
Whiting Milk Cos.:			
Family	51,500	3.87	12.51
Grade A	23,000	4.10	12.71
First National Stores	50,000	3.90	12.64
Hampden Creamery	42,000	3.60	12.14
State Law Requires		3.35	12.00

*Median count is the middle figure taken after the total counts have been arranged in the order of their magnitude.

Report of the Inspector of Animals

January 1, 1930

To the Board of Health,
City Hall, Melrose Mass.

Gentlemen:

I wish at this time to submit my report as Inspector of Animals for the year 1929.

Early in the year word was received to make a tour of inspection of all cattle, sheep and swine kept within the town limits and also of the premises where the same were kept. Approximately two hundred and seventy-five head of cattle were examined. Out of that number there were twenty-one reactors condemned and taken by the State and slaughtered.

We have had no rabies during the year.

Respectfully,

PALMER CORBETT, V. S.
Inspector of Animals

Summer Health and Play School

The annual session of the Health and Play School opened July 1st and continued for the usual period of six weeks, under the direction of the Public Health Nurse. There was a slight increase in attendance, a maximum of 59 with an average of 44. The routine of the school varies little from year to year. This year a total gain of 87 pounds was noted.

Respectfully submitted,

MYRTLE S. MERIAM, R. N.
Public Health Nurse

Report of the City Physician

Visits made for the Department of Public Welfare:	
To patients in their homes	123
Office calls	76
Visits made for the Health Department:	
To patients in their homes	61
Visits of inspection and consultation	213
Visits for the Police Department	17
Examinations, order of the Mayor	3
Vaccinations	92

Respectfully submitted,

CLARENCE P. HOLDEN, M.D.
City Physician

Report of Board of Survey

To the Honorable Mayor and the Board of Aldermen:

Gentlemen:

The twelfth annual report of the Board of Survey for the year ending December 31, 1929 is hereby submitted.

The Board held one meeting of record during the year.

Plans for the development of the E. Burnell Smith property on Porter Street were accepted. The layout was submitted by Chester S. Patten and showed extensions of Country Club Road, Burrell Street, Lincoln Street and Larchmont Road.

Seven plans and profiles showing Madison Avenue, Jefferson Avenue, Lynnview Road, Boston Rock Road and Bunker Hill Road, all located on Boston Rock and owned by John and Baptiste Bucci, were approved.

One plan and one profile of Bratley Street, a proposed way northerly from Lebonan Street near the Malden line were approved.

One plan and one profile of an extension of Glendale Avenue, and also one plan and one profile of an extension of Sheffield Road were approved.

FINANCIAL STATEMENT

Board of Survey—Other Expenses:

Appropriation	$25.00	
Expended	0.00	
Balance		$25.00

Respectfully submitted,

WILLIAM E. WATERHOUSE
BERTRAM E. LOVEJOY
WILLIAM J. L. ROOP

Report of Wyoming Cemetery

To the Honorable Mayor and Board of Aldermen:

In accordance with the provisions of Chapter 22, Section 5, Revised Ordinances of 1922, City of Melrose, the Cemetery Committee herewith submits its report for the year ending December 31, 1929.

APPROPRIATIONS

Maintenance, Improvements, Care of Soldiers' Graves	$17,400.00
Development of New Lots and Avenues	5,000.00
Water Rates, Order No. 19000	94.55
Total	$22,494.55

EXPENDITURES

Salary of Superintendent	$2,700.00		
Salary of Cemetery Committee	75.00		
Labor (Pay Rolls)	15,048.23		
Shrubs, Seeds, Dressing, etc.	148.00		
Office expenses	302.39		
Cemetery supplies	1,000.69		
Gas, Oil, Grease, truck expenses	352.20		
Insurance	179.91		
Development New Lots and Avenues	337.72		
Tool house and garage	1,095.19		
Water	94.55		
Painting	50.00		
Filling (Section Two)	1,096.65		
Miscellaneous	9.00	$22,489.53	
Unexpended balance		5.02	$22,494.55

RECEIPTS

Sale, Rights of Burial, Lots	$4,072.00
Sale, Rights of Burial, Graves	1,376.00
Perpetual Care	5,471.50
Annual Care	1,548.00
Interments	2,472.00
Slate and Cement Vaults	135.00
Lwoering device and Green Graves	295.00

Foundations	681.05	
Rentals	200.00	
Miscellaneous	61.50	
Interest, Perpetual Trust Fund	4,957.11	$21,269.79

Respectfully submitted,
Wyoming Cemetery Committee:

HAROLD W. ANDERSON, *Chairman*
ALBERT G. ARMINGTON
CARL F. SHAW

REPORT OF THE SUPERTENDENT

Wyoming Cemetery Committee,
City of Melrose, Mass.

Gentlemen:

The following is a report of the Superintendent of Wyoming Cemetery for the year ending December 31, 1929.

Total number of interments to Jan. 1, 1929	9,466
Interments during 1929	227
Removals from cemetery, 1929	0
Total number of interments to Jan. 1, 1930	9,693
Rights of Burial, Lots, sold, to Jan. 1, 1929	1,872
Rights of Burial, Lots, sold, during 1929	27
Total Rights of Burial, Lots, sold, to Jan. 1, 1930	1,899
Rights of Burial, Single Graves, sold, to Jan. 1, 1929	2,084
Rights of Burial, Single Graves, sold, during 1929	107
Total Rights of Burial, Single Graves, sold to Jan. 1, 1930	2,191
Total number lots under Perpetual Care	1,074
Total number single graves under Perpetual Care	817
Total number of lots available for sale, Jan. 1, 1929	101
Total number of lots completed for sale during 1929	27
Total number of lots available for sale Jan. 1, 1930	101
Area, sq. ft. lots, completed during 1929	4,405
Area, sq. Ft. Section F, loamed and seeded, not staked	17,640
Area, sq. ft. Section Two, rough graded	22,050
Area, sq. ft. Section G, partially filled	7,245
Filling, Section Two, cubic yards	2,250
Avenues completed during 1929 (Sylvan Ave.), linear feet	336
Avenues built during 1929 (Oriole Ave.), rock ballasted but not graded, linear feet	100

Respectfully submitted,

ROSCOE A. LEAVITT
Superintendent

Report of City Auditor

To the Honorable Mayor and Board of Aldermen,
Gentlemen:

I have the honor to submit herewith the annual report of the City Auditor for the year 1929. Being a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January 1929 and ending on the thirty-first day of December, 1929, with a statement of the funded debt, a statement of the assets and liabilities, a detailed statement of each department together with a schedule of city property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds under the control of the Public Library and find proper vouchers for and bank books showing balances as stated by them in their report.

WILLIAM T. WOLLEY,
City Auditor

FINANCES

The assessed valuation of the city April 1, 1929 was:	
Real estate	$32,813,550.00
Personal property	2,226,425.00
	$35,039,975.00
Increase in valuation from April 1, 1928 to April 1, 1929	$458,775.00
Number of dwellings April 1, 1929	4,858
Number of polls assessed April 1, 1929	6,684
Population	23,440
Rate of Taxation for $1,000.00 April 1, 1929	$33.60
Appropriations:	
State Tax	$40,800.00
Metropolitan Sewer Tax	26,793.55
Metropolitan Park Tax	21,063.33
Charles River Basin Tax	3,440.37
State Highway Tax	291.05
Fire Prevention Tax	296.77
Southern Traffic Route Tax	217.11
Northern Traffic Route Tax	2,279.25
Metropolitan Planning Tax	276.98
Smoke Nuisance Tax	107.20
Saugus Water Tax	40.00
Auditing Municipal Accounts Tax	507.05
Snow Removal Tax	3.75
Cottage Farm Bridge Tax	11,977.86
County Tax	46,424.10
City Budget	1,000,939.26
Overlays	21,885.53
	$1,177,343.16

BONDED DEBT

Bonded debt Dec. 31, 1928		$1,066,500.00
Increase in Sewer Bonds 1929	$40,000.00	
Increase in School Bonds 1929	200,000.00	
Increase in Surface Drainage Bonds 1929	25,000.00	
Increase in Water Bonds 1929	35,000.00	300,000.00
		$1,366,500.00
Decrease in Auditorium and Memorial Building Bonds	$5,000.00	
Decrease in School Bonds	110,000.00	
Decrease in Sewer Bonds	18,500.00	
Decrease in Surface Drainage Bonds	14,000.00	
Decrease in Water Bonds	39,000.00	
Decrease in City Hall Addition Bonds	3,000.00	
Decrease in City Stables Bonds	2,000.00	
Decrease in Fire Station Bonds	3,000.00	$194,500.00
Total Bonded Debt Dec. 31, 1929		$1,172,000.00

Increase $105,500.00

MUNICIPAL DEBT NOTES

Total outstanding Dec. 31, 1928	$160,500.00	
Increase—Notes issued 1929	40,000.00	
	$200,500.00	
Decrease—Notes paid 1929	45,500.00	
Total outstanding Dec. 31, 1929		$155,000.00

Decrease $5,500.00

Municipal Notes due 1930	$46,000.00	
1931	33,000.00	
1932	27,000.00	
1933	19,000.00	
1934	15,000.00	
1935	7,000.00	
1936	4,000.00	
1937	4,000.00	$155,000.00

BONDED DEBT DEC. 31, 1929

Auditorium and Memorial Building Bonds	$32,000.00	
School Building Bonds	581,000.00	
Sewer Bonds	257,500.00	
Surface Drainage Bonds	90,500.00	
Water Bonds	114,000.00	
City Hall Extension Bonds	41,000.00	
City Stables Building Bonds	24,000.00	
Fire Station Building Bonds	32,000.00	$1,172,000.00
Less Sinking Funds:		
Sewer Loan		51,738.82
Net Bonded Debt		$1,120,261.18

RECAPITULATION OF CITY DEBT

Municipal Notes	$155,000.00
Net Bonded Debt	1,120,261.18
Total Net Debt Dec. 31, 1929	$1,275,261.18
Total Net Debt Dec. 31, 1929	$1,275,261.18
Total Net Debt Dec. 31, 1928	1,097,034.68
Increase 1929	$178,226.50

Increase in Bonds	$105,500.00	
Decrease in Sinking Funds	78,226.50	
	$183,726.50	
Less decrease in Notes	5,500.00	
Total Increase	$178,226.50	

CASH ACCOUNT FOR 1929

Cash on hand Dec. 31, 1928		$124,327.57
Receipts:		
January	$309,096.57	
February	124,005.11	
March	274,904.72	
April	70,994.56	
May	173,454.77	
June	68,053.23	
July	308,261.43	
August	246,856.31	
September	63,487.22	
October	391,295.78	
November	501,019.17	
December	311,320.51	$2,842,749.78
		$2,967,077.35

Payments:		
January	$278,068.01	
February	110,112.40	
March	175,440.07	
April	117,149.74	
May	138,666.24	
June	138,703.80	
July	383,919.89	
August	150,246.60	
September	115,993.56	
October	291,734.53	
November	433,922.04	
December	315,522.18	$2,649,479.06
Cash on hand Dec. 31, 1929		$317,598.29

ESTIMATED RECEIPTS

Receipts:		
Budget Appropriation		$2,065.92
Transfer from sundry accounts		276,348.31
Charges:		
Deficit of 1928	$2,065.92	
Budget Appropriations	207,928.41	
Refunds, transfers and adjustments	1,451.52	
Balance	66,968.38	
	$278,414.23	$278,414.23

EXCESS AND DEFICIENCY

Receipts:		
Balance from 1928		$9,297.78
Adjustments and transfers from sundry accounts		115,520.76
Charges:		
Budget Appropriation	$3,000.00	
Sundry Transfer Orders	389.92	
Transfers from sundry accounts on adjustment	52,781.12	
Balance	68,647.50	
	$124,818.54	$124,818.54

ASSETS AND LIABILITIES

Assets:		
Cash on hand Dec. 31, 1929	$317,598.29	
Uncollected accounts	726,084.67	
Invested in Public Buildings, Land, Parks and other property	2,343,528.82	
Invested in Sinking Funds	51,738.82	
Invested in Sewerage System	817,625.04	
Invested in Surface Drainage System	420,304.59	
Invested in Water System	777,819.24	$5,154,699.47
Liabilities:		
Municipal Debt Bonds	$1,172,000.00	
Municipal Debt Notes	155,000.00	
Revenue Loans	450,000.00	
Sundry Funds	1,233.17	$1,778,233.17
Assets exceed liabilities		$3,376,466.30

REVENUE

Taxes—1919 to 1924	Balance from 1928	$451.68	
	Additional	1,293.83	
		$1,745.51	
	Collected and abated, etc.	1,629.35	
	Balance		$116.16
Taxes—1925	Balance from 1928	$875.15	
	Additional	23.29	
		$898.44	
	Collected and abated, etc.	640.80	
	Balance		$257.64
Taxes—1926	Balance from 1928	$11,089.15	
	Additional	57.70	
		$11,146.85	
	Collected and abated, etc.	11,051.34	
	Balance		$95.51

Taxes—1927	Balance from 1928	$60,692.13	
	Additional	421.23	
		$61,113.36	
	Collected and abated, etc.	51,469.83	
	Balance		$9,643.53
Taxes—1928	Balance from 1928	$369,280.28	
	Additional	603.00	
		$369,883.28	
	Collected and abated, etc.	292,440.12	
	Balance		$77,443.16
Taxes—1929	Assessors' Warrants	$1,190,711.16	
	Additional	2,825.12	
		$1,193,536.28	
	Collected and abated	757,841.02	
	Balance		$435,695.26

TAX TITLES

Balance from 1928	$18,547.65	
Additional	16,296.28	
	$34,843.93	
Collected, disclaimed and foreclosed	17,076.40	
Balance		$17,767.53

REAL ESTATE POSSESSIONS

Balance from 1928	$12,761.25
Additional	7,056.50
	$19,817.75
Collected and sold	983.22
Balance	$18,834.53

SEWER ASSESSMENTS

Unapportioned assessments	$444.54	
Assessments added to taxes	5,907.67	
Apportioned assessments due 1930 to 1938	42,638.70	$48,990.91

SIDEWALK ASSESSMENTS

Unapportioned assessments	$2,602.23	
Assessment added to taxes	4,910.48	
Apportioned assessments due 1930 to 1938	41,444.59	$48,957.33

STREET BETTERMENT ASSESSMENTS

Assessments added to taxes	$2,834.16	
Apportioned assessement due 1930 to 1938	30,543.41	$33,377.57

WATER RATES

1925 and prior years	$740.42	
1926	852.20	
1927	1,183.51	
1928	1,638.00	
1929	6,269.25	$10,683.38

WATER INCOME

Receipts:		
From Water Rates	$72,082.98	
From Summons	122.10	
Transfer of Water Maintenance Balance	1,111.93	$73,317.01
Charges:		
Deficit from 1928	$19,202.12	
Budget appropriation	20,000.00	
Interest on bonds	5,043.75	
Refunds	80.77	
Adjustments	1,413.54	
City of Malden, Water Rates	272.45	
Metropolitan Water Charges	39,111.42	
Overdraft to 1930		$11,807.04
	$85,124.05	$85,124.05

COMMONWEALTH OF MASSACHUSETTS

Balance Dec. 31, 1928	$990.50	
Transferred to Estimated Receipts	106.00	
	$1,096.50	
Cash received from Commonwealth	1,096.50	

Commissioner of Taxes
Income Tax Collected by Commonwealth

Balance from 1928		$20,831.20
Cash received from Commonwealth		135,687.20
Budget Appropriation	$20,831.20	
Balance to Estimated receipts	135,687.20	
	$156,518.40	$156,518.40

Grants and Gifts

Receipts:		
From Middlesex County (Dog Tax)		$2,649.18
Charges:		
Transferred to Revenue 1929	$2,649.18	
	$2,649.18	$2,649.18

Bank and Corporation Tax

Receipts:		
From Commonwealth		$18,595.78
Charges:		
Refunds to Commonwealth	$135.01	
Transferred to Highway Division	1,261..86	
Transferred to Estimated Receipts	17,198.91	
	$18,595.78	$18,595.78

GENERAL GOVERNMENT
ALDERMEN—Salaries and Wages

Receipts:		
Appropriation		$1,200.00
Expended:		
Salary of Clerk of Committee	$1,200.00	
	$1,200.00	$1,200.00

Other Expenses

Receipts:		
Appropriation		$1,300.00
Cash refunds		55.00
Expended:		
Stationery, printing and office supplies	$413.05	
Engrossing testimonial	15.00	
Advertising	127.00	
Telephone	91.34	
Flowers and wreaths	52.00	

Furniture and fixtures	$113.02	
Printing budget	110.00	
Serving notices	68.00	
Taxi service for committee	15.00	
Miscellaneous	15.89	
Transfer Order No. 19338	75.00	
Transfer Order No. 19376	7.30	
Balance to Excess and Deficiency	252.40	
	$1,355.00	$1,355.00

MAYOR—Salaries and Wages

Receipts:		
Appropriation		$4,400.00
Expended:		
Salary of Mayor	$2,500.00	
Salary of Clerk	1,865.00	
Transfer Order No. 19467	5.08	
Balance to Excess and Deficiency	29.92	
	$4,400.00	$4,400.00

Other Expenses

Receipts:		
Appropriation		$400.00
Transfer Order No. 19467		5.08
Expended:		
Postage	$30.00	
Printing, stationery and office supplies	97.46	
Mayors' Club dues	3.00	
Telephone	122.97	
Furniture and fixtures	56.75	
Advertising	45.00	
Subscription to magazines and papers	6.00	
Repairs to furniture and fixtures	5.50	
Photograph of Lincoln School	12.00	
Flowers	10.00	
Miscellaneous	16.40	
	$405.08	$405.08

Inaugural

Receipts:		
Balance from 1928		$248.16
Expended:		
Floral decorations	$19.50	
Printing	54.25	
Music	78.08	
Transfer Order No. 19365-A	96.33	
	$248.16	$248.16

AUDITOR—Salaries and Wages

Receipts:		
Appropriation		$4,679.29
Expended:		
Salary of Auditor	$2,750.00	
Salary of Clerk	1,929.29	
	$4,679.29	$4,679.29

Other Expenses

Receipts:		
Appropriation		$350.00
Expended:		
Stationery, printing and office supplies	$198.96	
Postage	11.00	
Telephone	39.66	
Cost of typewriter	40.00	
Expenses at Conventions and dues	10.12	
Miscellaneous	5.06	
Balance to Excess and Deficiency	45.20	
	$350.00	$350.00

Publish Particular Account

Receipts:		
Transfer Order No. 19338		$75.00
Expended:		
Printing 100 Copies Particular Account	$50.00	
Balance to Excess and Deficiency	25.00	
	$75.00	$75.00

TREASURER—Salaries and Wages

Receipts:		
Appropriation		$4,835.00
Expended:		
Salary of Treasurer	$3,000.00	
Salary of Clerk	1,825.00	
Balance to Excess and Deficiency	10.00	
	$4,835.00	$4,835.00

Other Expenses

Receipts:		
Appropriation		$725.00
Overdraft to 1930		.42

Expended:		
Postage	$119.13	
Stationery, printing and office supplies	145.91	
Subscription to News Bureau 1929	18.00	
Carfares	$8.80	
Repairs to furniture and fixtures	5.00	
Telephone	38.01	
Bond	253.00	
Repairs to safe in vault	10.00	
Robbery and holdup insurance	115.42	
Paymaster's bond	5.00	
Miscellaneous	7.15	
	$725.42	$725.42

Certification of Bonds and Notes

Receipts:		
Appropriation		$1,000.00
Transfer Order No. 19237		200.00
Expended:		
Paid Old Colony Trust Co.	$1,110.00	
Balance to Excess and Deficiency	90.00	
	$1,200.00	$1,200.00

COLLECTOR—Salaries and Wages

Receipts:		
Appropriation		$4,900.00
Transfer Order No. 19327		50.00
Transfer Order No. 19418		185.00
Transfer Order No. 19418-A		90.00
Expended:		
Salary of Collector	$2,500.00	
Salary of Clerks	2,722.91	
Balance to Excess and Deficiency	2.09	
	$5,225.00	$5,225.00

Other Expenses

Receipts:		
Appropriation		$1,550.00
Transfer Order No. 19418-A		360.00
Expended:		
Postage	$415.48	
Stationery, printing and office supplies	347.01	
Telephone	38.79	
Advertising	153.00	
Burglary and robbery insurance	12.18	
Recording and registering	165.75	
Delivering poll tax bills	75.00	

Collector's bond	506.00	
Miscellaneous	2.50	
Balance to Excess and Deficiency	194.29	
	$1,910.00	$1,910.00

Land Court Proceedings

Receipts:		
Balance from 1928		$456.56
Cash refunds		83.25
Expended:		
Recording	$11.41	
Carfares	1.00	
Transfer Order No. 19418-A	450.00	
Balance to Excess and Deficiency	77.40	
	$539.81	$539.81

ASSESSORS—Salaries and Wages

Receipts:		
Appropriation		$7,430.00
Transfer Order No. 19400		225.00
Expended:		
Salary of Clerk of Board	$1,900.00	
Salary of Board	3,000.00	
Salary of Assistant Assessors	420.00	
Clerical Assistance	2,334.82	
Balance to Excess and Deficiency	.18	
	$7,655.00	$7,655.00

Other Expenses

Receipts:		
Appropriation		$1,340.00
Expended:		
Telephone	$44.19	
Stationery, printing and office supplies	294.69	
Repairs to furniture and fixtures	5.00	
Post and distribute notices	10.00	
Expenses at conventions	39.81	
Carfares	6.35	
Services of copyist	8.75	
Advertising	15.50	
Transfer and probates	71.65	
Use of auto year 1929	150.00	
Printing 800 poll books	552.29	
Furniture and fixtures	52.00	
Carpenter and electrical work	46.02	
Miscellaneous	3.93	
Balance to Excess and Deficiency	39.82	
	$1,340.00	$1,340.00

CITY CLERK—Salaries and Wages

Receipts:		
Appropriation		$4,500.00
Transfer Order No. 19437		32.50
Expended:		
Salary of City Clerk	$2,250.00	
Salary of Assistant City Clerk	1,500.00	
Other Clerical services	782.50	
	$4,532.50	$4,532.50

Other Expenses

Receipts:		
Appropriation		$500.00
Expended:		
Postage	$45.93	
Stationery, printing and office supplies	211.46	
Cost of surety bond	4.00	
Annual dues—City Clerks' Ass'n	10.00	
Telephone	84.55	
Freight and Express	4.10	
Carfares	10.95	
Expenses at convention	23.40	
Furniture and fixtures	71.93	
Repairs to furniture and fixtures	11.00	
Advertising	18.25	
Miscellaneous	2.61	
Balance to Excess and Deficiency	1.82	
	$500.00	$500.00

CITY SOLICITOR—Salaries and Wages

Receipts:		
Appropriation		$1,500.00
Expended:		
Salary of City Solicitor	$1,500.00	
	$1,500.00	$1,500.00

Other Expenses

Receipts:		
Appropriation		$50.00
Expended:		
Stationery, printing and office supplies	$25.75	
Miscellaneous expenses on cases	10.50	
Balance to Excess and Deficiency	13.75	
	$50.00	$50.00

CITY PHYSICIAN—Salaries and Wages

Receipts:		
Appropriation		$1,000.00
Expended:		
Salary of City Physician	$1,000.00	
	$1,000.00	$1,000.00

ELECTION AND REGISTRATION—Salaries and Wages

Receipts:		
Appropriation		$800.00
Expended:		
Salary of Board of Registrars	$800.00	
	$800.00	$800.00

Other Expenses

Receipts:		
Appropriation		$150.00
Expended:		
Postage	$36.00	
Stationery, printing and office supplies	28.55	
Furniture and fixtures	65.70	
Express	.85	
Transfer Order No. 19437	18.90	
Transfer Order No. 19437	$150.00	$150.00

CITY PLANNING BOARD—Other Expenses

Receipts:		
Balance from 1928		$311.09
Appropriation		450.00
Expended:		
Furniture and fixtures	$23.00	
Stationery, printing and office supplies	692.66	
Carfares	18.00	
Telephone	.90	
Typing and clerical work	7.75	
Convention expenses	13.61	
Miscellaneous	3.60	
Balance to Excess and Deficiency	1.57	
	$761.09	$761.09

BOARD OF SURVEY—Other Expenses

Receipts:		
Appropriation		$25.00
Balance to Excess and Deficiency	$25.00	
	$25.00	$25.00

GARAGE AND LICENSE COMMISSION—Other Expenses

Receipts:		
Appropriation		$100.00
Transfer Order No. 19322		35.00
Transfer Order No. 19466		6.25
Expended:		
Advertising	$141.25	
	$141.25	$141.25

BOARD OF APPEAL—Salaries and Wages

Receipts:		
Appropriation		$100.00
Expended:		
Salary of Clerk	$100.00	
	$100.00	$100.00

Other Expenses

Receipts:		
Appropriation		$150.00
Expended:		
Postage	$27.28	
Advertising	14.75	
Stationery and printing	31.65	
Balance to Excess and Deficiency	76.32	
	$150.00	$150.00

FENCE VIEWERS—Other Expenses

Receipts:		
Appropriation		$25.00
Expended:		
Typing	$2.00	
Postage	2.00	
Balance to Excess and Deficiency	21.00	
	$25.00	$25.00

PUBLIC WORKS DEPARTMENT

(For details see report of Public Works Department)

PUBLIC WORKS—Salaries and Wages

Receipts:		
Appropriation		$13,682.00
Expended:		
Salary of Engineer and Superintendent	$5,000.00	
Salary of Clerks	7,901.24	
Bills Paid	2.87	
Transfer Order No. 19449	500.00	
Balance to Excess and Deficiency	277.89	
	$13,682.00	$13,682.00

Other Expenses

Appropriation		$1,670.00
Expended:		
Bills paid	$1,467.95	
Transfer Order No. 19449	200.00	
Balance to Excess and Deficiency	2.05	
	$1,670.00	$1,670.00

Vacations

Receipts:		
Appropriation		$8,200.00
Expended:		
Pay Rolls	$8,133.34	
Balance to Excess and Deficiency	66.66	
	$8,200.00	$8,200.00

Convention Expenses

Receipts:		
Appropriation		$100.00
Expended:		
Bills paid—Portland, Me	$42.05	
Balance to Excess and Deficiency	57.95	
	$100.00	$100.00

ENGINEERS—Salaries and Wages

Receipts:		
Appropriation		$7,500.00
Expended:		
Pay rolls	$7,147.23	
Bills paid	41.72	
Balance to Excess and Deficiency	311.05	
	$7,500.00	$7,500.00

Other Expenses

Receipts:		
Appropriation		$1,700.00
Expended:		
Bills paid	$232.68	
Transfer bills	1,458.00	
Balance to Excess and Deficiency	9.32	
	$1,700.00	$1,700.00

CITY HALL—Salaries and Wages

Receipts:		
Appropriation		$3,780.00
Expended:		
Pay rolls	$3,246.69	
Transfer Order No. 19449	450.00	
Bills paid	31.68	
Balance to Excess and Deficiency	51.63	
	$3,780.00	$3,780.00

Other Expenses

Receipts:		
Appropriation		$4,500.00
Cash receipts		.75
Expended:		
Pay rolls	$89.91	
Bills paid and transfer bills	4,367.47	
Balance to Excess and Deficiency	43.37	
	$4,500.75	$4,500.75

Basement Wiring System

Receipts:		
Appropriation		$775.00
Expended:		
Bills paid	$775.00	
	$775.00	$775.00

AUDITORIUM—Salaries and Wages

Receipts:		
Appropriation		$3,200.00
Expended:		
Pay rolls	$3,131.55	
Balance to Excess and Deficiency	68.45	
	$3,200.00	$3,200.00

Other Expenses

Receipts:		
Appropriation		$3,000.00
Expended:		
Gardening work	$3.25	
Fuel	671.57	
Gas light	74.03	
Electric light	443.66	
Telephone	22.93	
Painting	77.00	
Lumber and carpenter work	121.57	
Insurance	274.05	
Electrical repairs and parts	30.74	
Postage	2.16	
Stationery, printing and office supplies	9.80	
Plumbing and steamfitting	34.75	
Janitors' supplies	73.59	
Repairs to furniture and fixtures	20.50	
Freight and express	2.30	
Water Rates	14.66	
Roofing repairs	107.10	
Plastering and mason work	14.50	
Architect fees	10.00	
Christmas decorations	7.30	
Transfer Order No. 19399	700.00	
Balance to Excess and Deficiency	284.54	
	$3,000.00	$3,000.00

Repairs After Construction

Receipts:		
Balance from 1928		$2,837.19
Expended:		
Furnishing and driving piles	$1,000.00	
Iron beams	173.00	
Labor and truck setting shores	179.96	
Miscellaneous labor and teams	607.41	
Carpenter work	235.20	
Painting	125.00	
Repairs to wall	66.85	
Transfer bill	95.00	
Transfer Order No. 19399	350.00	
Balance to Excess and Deficiency	4.77	
	$2,837.19	$2,837.19

PROTECTION OF LIFE AND PROPERTY

POLICE DEPARTMENT—Salaries and Wages

Receipts:		
Appropriation		$62,160.00
Expended:		
Pay rolls	$59,274.25	
Transfer Order No. 19448	150.00	
Balance to Excess and Deficiency	2,735.95	
	$62,160.00	$62,160.00

Equipment and Repairs

Receipts:		
Appropriation		$1,200.00
Cash receipts		15.00
Expended:		
Gas and oil	$403.31	
Miscellaneous Hardware and supplies	19.76	
Auto and motorcycle parts and repairs	204.06	
Repairs to furniture and fixtures	24.00	
Equipment and repairs to same	504.18	
Transfer spotlight	51.00	
Storage of patrol	8.00	
Balance to Excess and Deficiency	.69	
	$1,215.00	$1,215.00

Other Expenses

Receipts:		
Appropriation		$1,300.00
Transfer Order No. 19448		150.00
Expended:		
Hardware, lumber and parts	$122.12	
Stationery, printing and office supplies	259.11	
Miscellaneous supplies and equipment	263.15	
Postage	23.00	
Express	2.50	
Telephone	366.72	
Annual dues, Police Ass'n	10.00	
Expenses on liquor investigations	11.75	
Renewal of Chauffeurs' licenses	32.00	
Auto insurance	40.28	
Building and painting traffic stand	85.09	
Advertising	2.50	
Storage of patrol	40.00	
Services of matron	3.00	

Use of Y. M. C. A. in 1929	150.00	
Miscellaneous	8.00	
Balance to Excess and Deficiency	80.78	
	$1,450.00	$1,450.00

Signal Box Maintenance

Receipts:		
Appropriation		$4,200.00
Expended:		
Pay rolls	$1,423.30	
Freight and express	33.80	
One half cost of Ford coupe and lettering	247.00	
Gas and oil	74.74	
Stock and repairs on system	1,763.45	
Auto insurance	22.70	
Garage rent	42.00	
Miscellaneous tools and supplies	88.32	
Horse and team hire	282.50	
Parts and repairs on autos	113.15	
Balance to Excess and Deficiecny	109.04	
	$4,200.00	$4,200.00

Ambulance Fund

Receipts:		
Balance from 1928		$239.85
Cash receipts		361.50
Expended:		
Equipment, repairs and parts	$216.12	
Chauffeurs and assistants on cases	43.00	
Launder blankets	2.50	
Balance to 1930	339.73	
	$601.35	$601.35

Mechanican, Salary

Receipts:		
Appropriation		$400.00
Expended:		
Salary of mechanican	400.00	
	$400.00	$400.00

Purchase of Motorcycle Uniforms

Receipts:		
Appropriation		$75.00
Expended:		
Cost of two reefers	$75.00	
	$75.00	$75.00

Purchase of Packard Automobile

Receipts:		
Balance from 1928		$2,000.00
Expended:		
Cost of car	$2,000.00	
	$2,000.00	$2,000.00

FIRE DEPARTMENT—Salaries and Wages

Receipts:		
Appropriation		$68,056.00
Expended:		
Pay rolls	$65,508.30	
Transfer Order No. 19410	2,000.00	
Balance to Excess and Deficiency	547.70	
	$68,056.00	$68,056.00

Fuel and Light

Receipts:		
Appropriation		$2,000.00
Expended:		
Fuel	$1,203.42	
Naptha, Gasolene and oil	495.22	
Gas light	34.85	
Electric light	251.28	
Miscellaneous supplies	11.56	
Express	1.50	
Balance to Excess and Deficiency	2.17	
	$2,000.00	$2,000.00

Equipment and Repairs

Receipts:		
Appropriation		$2,300.00
Expended:		
Parts and repairs on equipment	$812.85	
Hardware, tools and supplies	157.32	
Equipment	1,039.57	
Express	2.49	
Auto insurance	48.00	
Painting and lettering	233.50	
Balance to Excess and Deficiency	6.27	
	$2,300.00	$2,300.00

Reparis on Buildings

Receipts:		
Appropriation		$2,000.00
Expended:		
Furniture and fixtures	$228.31	
Plumbing and steamfitting	212.74	
Electric work	56 25	
Miscellaneous supplies and hardware	235.19	
Window shades and screens	119.75	
Painting	153.15	
Roofing repairs	21.10	
Carpenter work	869.26	
Water Rates	33.99	
Bedding	38.38	
Transfer bills	1.18	
Balance to Excess and Deficiency	30.70	
	$2,000.00	$2,000 00

Other Expenses

Receipts:		
Appropriation		$1,600.00
Expended:		
Miscellaneous supplies	$621.80	
Express	9.12	
Bedding	33.60	
First aid supplies	28.57	
Stationery, printing and office supplies	118.17	
Telephone	426.02	
Laundering	149.31	
Advertising	13.25	
Chauffeurs' licenses	48.00	
Furniture and fixtures	56.50	
Water Rates	37.67	
Christmas decorations	29.80	
Miscellaneous	21.50	
Balance to Excess and Deficiency	6.69	
	$1,600.00	$1,600.00

Purchase of Hose

Receipts:		
Appropriation		$500.00
Expended:		
Cost of hose	$460.60	
Balance to Excess and Deficiency	39.40	
	$500.00	$500.00

Fire Alarm Maintenance

Receipts:		
Appropriation		$7,300.00
Expended:		
Pay rolls	$2,327.90	
Stock and repairs on system	2,604.67	
Miscellaneous supplies	81.18	
Fire alarm desk	186.20	
Horse and team hire	493.50	
Garage rent	42.00	
Telechron clock	32.49	
Parts and repairs on auto	63.79	
One half cost of Ford coupe	247.00	
Gas and oil	112.64	
Electric light	7.12	
Car hire	15.00	
Vacation care of system	34.00	
Telephone	45.64	
Freight and express	6.22	
Auto insurance	22.70	
Renewal of Chauffeurs' licenses	2.00	
Furniture and fixtures	42.89	
Balance to Excess and Deficiency	933.06	
	$7,300.00	$7,300.00

Purchase of New Pumping Engine

Receipts:		
Appropriation		$12,500.00
Expended:		
Cost of Engine	$12,500.00	
	$12,500.00	$12,500.00

Purchase of Packard Car (Chief)

Receipts:		
Transfer Order No. 19410		$2,000.00
Expended:		
Cost of Packard car	$2,000.00	
	$2,000.00	$2,000.00

INSPECTOR OF BUILDINGS—Salaries and Wages

Receipts:		
Appropriation		$1,560.00
Expended:		
Salary of Inspector	$1,200.00	
Clerical assistance	360.00	
	$1,560.00	$1,560.00

Other Expenses

Receipts:		
Appropriation		$281.50
Expended:		
Stationery, printing and office supplies	$90.00	
Postage	8.00	
One half maintenance of auto	118.96	
Balance to Excess and Deficiency	64.54	
	$281.50	$281.50

INSPECTOR OF WIRES—Salaries and Wages

Receipts:		
Appropriation		$2,500.00
Expended:		
Salary of Inspector	$2,500.00	
	$2,500.00	$2,500.00

Other Expenses

Receipts:		
Appropriation		$125.00
Expended:		
Stationery, printing and office supplies	$35.01	
Telephone	51.95	
Miscellaneous supplies	6.61	
Balance to Excess and Deficiency	31.43	
	$125.00	$125.00

SEALER OF WEIGHTS AND MEASURES—Salaries and Wages

Receipts:		
Appropriation		$1,000.00
Expended:		
Salary of Sealer	$1,000.00	
	$1,000.00	$1,000.00

Other Expenses

Receipts:		
Appropriation		$200.00
Expended:		
Use of the car	$150.00	
Plates and badges	10.40	
Expenses for Worcester Convention	18.70	
Telephone	3.00	
Postage	.90	
Miscellaneous supplies	17.00	
	$200.00	$200.00

FORESTRY—Gypsy and Brown Tail Moth

Receipts:		
Appropriation		$750.00
Expended:		
Pay rolls	$458.39	
Bills paid and transfer bills	228.17	
Balance to Excess and Deficiency	63.44	
	$750.00	$750.00

Gypsy and Brown Tail Moth—Private Estates

Receipts:		
Appropriation		$300.00
Expended:		
Pay rolls	$213.93	
Transfer bills	39.88	
Balance to Excess and Deficiency	46.19	
	$300.00	$300.00

Care of Trees

Receipts:		
Appropriation		$5,300.00
Cash receipts		25.00
Expended:		
Pay rolls	$4,024.30	
Bills paid and transfer bills	1,146.77	
Refund	.07	
Balance to Excess and Deficiency	153.86	
	$5,325.00	$5,325.00

Planting New Trees

Receipts:		
Balance from 1928		$66.74
Appropriation		300.00
Cash receipts		231.00
Expended:		
Pay rolls	$299.29	
Bills paid and transfer bills	273.20	
Refunds	10.50	
Balance to Excess and Deficiency	14.75	
	$597.74	$597.74

MELROSE PUBLIC LIBRARY
MELROSE, MASS.

HEALTH DEPARTMENT—General Administeration

Receipts:		
Appropriation		$3,100.00
Transfer Order No. 19440		50.00
Expended:		
Salary of Chairman	$1,200.00	
Salary of Clerk	1,550.00	
Salary of Board	100.00	
Telephone	92.54	
Register Whippet car	4.00	
Postage	24.00	
Use of Car	90.00	
Other Clerical Services	30.00	
Salary of Acting Chairman	50.00	
Miscellaneous	3.15	
Balance to Excess and Deficiency	6.31	
	$3,150.00	$3,150.00

Quarantine and Contagious Diseases

Receipts:		
Appropriation		$2,500.00
Expended:		
Medical supplies	$75.37	
Fuel	17.25	
Stationery, printing and office supplies	48.35	
Groceries	15.85	
Hospital care	1,086.62	
Use of Car (Chairman)	90.00	
Transfer Order No. 19233	300.00	
Transfer Order No. 19440	150.00	
Transfer Order No. 19503	6.60	
Balance to Excess and Deficiency	709.96	
	$2,500.00	$2,500.00

Tuberculosis

Receipts:		
Appropriation		$1,000.00
Transfer Order No. 19233		300.00
Transfer Order No. 19440		150.00
Transfer Order No. 19503		6.60
Expended:		
Cash orders	$359.15	
Board and care—Lakeville Sanatorium	372.50	
Board and care—No. Reading Sanatorium	449.00	
Board and care—Westfield Sanatorium	195.00	
Medical supplies	3.45	
Balance to Excess and Deficiency	77.50	
	$1,456.60	$1,456.60

Vital Statistics—Other Expenses

Receipts:		
Appropriation		$300.00
Expended:		
Stationery, printing and office supplies	$37.09	
Postage	32.00	
One half cost of vault and shelving	42.93	
Flowers	3.00	
Transfer Order No. 19437	13.60	
Transfer Order No. 19466	6.25	
Balance to 1930	165.13	
	$300.00	$3.0000

Other Expenses

Receipts:		
Appropriation		$2,450.00
Cash receipts		118.96
Expended:		
Salary of Plumbing Inspector	$1,650.00	
Stationery, printing and office supplies	195.65	
Express	5.79	
Subscriptions to magazines	6.00	
Repairs and parts on Whippet	42.05	
Lettering Whippet	2.00	
Storage of Whippet	96.00	
Gas and oil	50.77	
Automobile insurance on Whippet	45.40	
Advertising	4.00	
Placing dump signs and distributing cards	25.00	
Furniture and fixtures	3.75	
Use of Chairman's car	90.00	
Burying dead animals	124.50	
Transfer bill	2.50	
Transfer Order No. 19440	50.00	
Balance to Excess and Deficiency	175.55	
	$2,568.96	$2,568.96

Inspection of Food Products

Receipts:		
Appropriation		$200.00
Expended:		
Salary of Inspector	$200.00	
	$200.00	$200.00

Inspection of School Children

Receipts:		
Appropriation		$900.00
Expended:		
Salary of Doctors	$900.00	
	$900.00	$900.00

Inspection of Animals and Slaughtering

Receipts:		
Appropriation		$200.00
Expended:		
Salary of Inspector	$200.00	
	$200.00	$200.00

Inspection of Milk and Milk Analysis

Receipts:		
Appropriation		$600.00
Transfer Order No. 19440		20.00
Expended:		
Salary of Inspector	$500.00	
Examination of samples	78.05	
Collecting samples	40.00	
Balance to Excess and Deficiency	1.95	
	$620.00	$620.00

Public Health Nurse

Receipts:		
Appropriation		$700.00
Expended:		
Salary of Nurse	$700.00	
	$700.00	$700.00

Public Health Nurse—Car Allowance

Receipts:		
Appropriation		$200.00
Expended:		
Allowance for car	$200.00	
	$200.00	$200.00

School Nurses

Receipts:		
Appropriation		$2,550.00
Expended:		
Salary of nurses	$2,435.00	
Auto allowance	25.00	
Transfer Order No. 19440	20.00	
Balance to Excess and Deficiency	70.00	
	$2,550.00	$2,550.00

Mosquito Suppression

Receipts:		
Appropriation		$4,000.00
Expended:		
Kerosene and mosquito oil	$313.05	
Equipment and supplies	63.14	
Distributing cards	9.00	
Stationery, printing and office supplies	15.45	
Inspection of mosquito breeding sites	50.00	
Use of truck	323.80	
Pay rolls	2,711.99	
Repairs and parts on car	1.00	
Hauling dirt	334.91	
Use of Chairman's car	90.00	
Balance to Excess and Deficiency	87.66	
	$4,000.00	$4,000.00

Disposal and Care of Stray Animals

Receipts:		
Appropriation		$250.00
Expended:		
Pay rolls	$250.00	
	$250.00	$250.00

SANITATION

SEWER DIVISION—Maintenance

Receipts:		
Appropriation		$3,300.00
Expended:		
Pay rolls	$2,508.61	
Bills paid and transfer bills	658.29	
Balance to Excess and Deficiency	133.10	
	$3,300.00	$3,300.00

SURFACE DRAINAGE—Maintenance

Receipts:		
Appropriation		$7,000.00
Expended:		
Pay rolls	$5,249.51	
Bills paid and transfer bills	1,667.78	
Balance to Excess and Deficiency	82.71	
	$7,000.00	$7,000.00

Sewer and Surface Drainage Construction—Budget Appropriation

Receipts:		
Appropriation		$8,645.30
Expended:		
Transfer to Non-Revenue, Surface Drainage Construction	$8,645.30	
	$8,645.30	$8,645.30

Collection of Ashes and Rubbish

Receipts:		
Appropriation		$18,498.00
Expended:		
Pay rolls	$11,719.98	
Bills paid and transfer bills	5,736.64	
Balance to Excess and Deficiency	1,041.38	
	$18,498.00	$18,498.00

Refuse and Garbage Disposal

Receipts:		
Appropriation		$18,524.00
Expended:		
Pay rolls	$13,854.13	
Bills paid and transfer bills	4,583.16	
Balance to Excess and Deficiency	86.71	
	$18,524.00	$18,524.00

Street Cleaning

Receipts:		
Appropriation		$5,000.00
Expended:		
Pay rolls	$3,018.24	
Bills paid and transfer bills	1,395.78	
Transfer Order No. 19449	500.00	
Balance to Excess and Deficiency	85.98	
	$5,000.00	$5,000.00

HIGHWAY—Repairing

Receipts:		
Balance from 1928		$551.87
Appropriation		30,000.00
Cash receipts		3,818.97
Street Railway Tax		1,261.86
Expended:		
Pay rolls	$20,367.30	
Bills paid and transfer bills	12,169.90	
Refund	4.67	
Transfer Order No. 19449	1,000.00	
Balance to Excess and Deficiency	2,090.83	
	$35,632.70	$35,632.70

Highway Construction—Budget Appropriation

Receipts:		
Appropriation		$19,692.00
Expended:		
Transfer to Non-Revenue, Highway Construction	$19,692.00	
	$19,692.00	$19,692.00

Individual Walks

Receipts:		
Balance from 1928		$3,218.14
Appropriation		4,000.00
Estimates received		4,308.52
Expended:		
Pay rolls	$782.90	
Bills paid and transfer bills	3,422.05	
Estimates refunded	1,782.81	
Balance to 1930	5,538.90	
	$11,526.66	$11,526.66

Sidewalk Repairs

Receipts:		
Appropriation		$9,000.00
Expended:		
Pay rolls	$3,725.91	
Bills paid and transfer bills	3,812.56	
Transfer Order No. 19449	500.00	
Balance to Excess and Deficiency	961.53	
	$9,000.00	$9,000.00

Continuous Walks—Budget Appropriation

Receipts:		
Appropriation		$8,645.30
Expended:		
Transfer to Non-Revenue, Continuous Walks	$8,645.30	
	$8,645.30	$8,645.30

Street Sprinkling

Receipts:		
Appropriation		$10,000.00
Expended:		
Pay rolls	$452.61	
Bills paid and transfer bills	9,546.66	
Balance to Excess and Deficiency	.73	
	$10,000.00	$10,000.00

Street Lighting

Receipts:		
Appropriation		$36,762.00
Transfer Order No. 19449		130.00
Cash Receipts—Park Dept		180.00
Expended:		
Paid to Malden Electric Company	$37,023.34	
Transfer bills	20.00	
Balance to Excess and Deficiency	28.66	
	$37,072.00	$37,072.00

Snow Removal and Sanding Streets

Receipts:		
Appropriation		$12,963.07
Transfer Order No. 19449		3,930.00
Expended:		
Overdraft from 1928	$2,225.07	
Pay rolls	7,109.74	
Bills paid and transfer bills	4,654.05	
Balance to 1930	2,904.21	
	$16,893.07	$16,893.07

Stable Account

Receipts:		
Appropriation		$2,000.00
Expended:		
Pay rolls, bills paid and transfer bills	$1,660.84	
Balance to Excess and Deficiency	339.16	
	$2,000.00	$2,000.00

Steam Roller

Receipts:		
Balance from 1928		$906.14
Transfer bills		1,335.50
Expended:		
Pay rolls	$137.45	
Bills paid and transfer bills	527.62	
Balance to 1930	1,576.57	
	$2,241.64	$2,241.64

Automotive Equipment

Receipts:		
Balance from 1928		$2,519.64
Appropriation		2,000.00
Transfer bills		14,978.61
Cash receipts		170.19
Expended:		
Pay rolls	$4,287.33	
Bills paid and transfer bills	9,849.58	
Transfer Order No. 19134	800.00	
Transfer Order No. 19329	1,000.00	
Balance to 1930—Order 19440	1,172.00	
Balance to Excess and Deficiency	2,559.53	
	$19,668.44	$19,668.44

Purchase of 1¼ Ton Chassis

Receipts:		
Transfer Order No. 19134		$800.00
Expended:		
Cost of truck	$800.00	
	$800.00	$800.00

Purchase of Two Runabout Cars

Receipts:		
Transfer Order No. 19329		$1,000.00
Expended:		
Cost of two Ford cars	$998.00	
Balance to Excess and Deficiency	2.00	
	$1,000.00	$1,000.00

Hillcrest Avenue Construction

Receipts:		
Appropriation		$7,209.00
Expended:		
Pay rolls	$1,203.39	
Bills paid and transfer bills	2,642.80	
Balance to Highway Construction, Non-Revenue	3,362.81	
	$7,209.00	$7,209.00

Baxter Street Construction

Receipts:		
Appropriation		$11,308.00
Expended:		
Pay rolls	$3,358.83	
Bills paid and transfer bills	4,459.94	
Balance to 1930	3,489.23	
	$11,308.00	$11,308.00

CHARITIES—General Administration

Receipts:		
Appropriation		$1,650.00
Expended:		
Salary of Chairman	$1,500.00	
Salary of Board	100.00	
Clerical Services	46.00	
Balance to Excess and Deficiency	4.00	
	$1,650.00	$1,650.00

Outside Relief by City

Receipts:		
Appropriation		$5,000.00
Transfer Order No. 19326		2,500.00
Expended:		
Cash orders	$3,901.00	
Board and care	628.00	
Groceries	1,206.26	
Medical supplies	34.34	
Rent	788.50	
Fuel	463.20	
Moving	10.00	
Balance to Excess and Deficiency	468.70	
	$7,500.00	$7,500.00

Relief by Other Cities and Towns

Receipts:		
Appropriation		$7,000.00
Transfer Order No. 19446		1,000.00
Cash receipts		90.00
Expended:		
Paid Town of Billerica	$365.50	
Paid Town of Stoneham	341.50	
Paid City of Haverhill	21.00	
Paid City of Malden	2,182.75	
Paid City of Quincy	366.00	
Paid City of Revere	648.50	
Paid Com'l of Mass., Welfare Dept.	3,248.40	
Paid Pondville State Hospital	87.50	
Paid Childrens' Hospital	20.10	
Paid Family Welfare Society	105.00	
Paid Huntington Memorial Hospital	11.00	
Paid Mass. Eye and Ear Infirmary	5.00	
Paid Tremont Temple Baptist Church	20.00	
Balance to 1930	667.75	
	$8,090.00	$8,090.00

Mothers' Aid

Receipts:		
Appropriation		$4,500.00
Expended:		
Cash orders	$2,335.00	
Hospital Board and Care	57.75	
Medicine	1.74	
Eye glasses	6.50	
Cash	328.67	
Transfer Order No. 19446	1,000.00	
Balance to Excess and Deficiency	770.34	
	$4,500.00	$4,500.00

E. Toothaker Fund

Receipts:		
Balance from 1928		$1,423.95
Cash receipts		10.00
Expended:		
Cash orders	$543.52	
Board and care	122.00	
Groceries	184.20	
Rent	50.00	
Medicine	.60	
Balance to 1930	533.63	
	$1,433.95	$1,433.95

A. C. Marie Currier Fund

Receipts:		
Balance from 1928		$711.26
Received from Trustees of Fund		1,128.18
Expended:		
Christmas dinners	$522.57	
Boots and shoes	492.52	
Clothing	8.85	
Transfer bill	139.80	
Balance to 1930	675.70	
	$1,839.44	$1,839.44

Hospital

Receipts:		
Appropriation		$1,200.00
Expended:		
Paid to Melrose Hospital	$1,155.49	
Transfer bills	44.00	
Balance to Excess and Deficiency	.51	
	$1,200.00	$1,200.00

Community Civics—Melrose High School—Class of 1918

Receipts:		
Balance from 1928		$21.99
Interest on bond 1929		1.85
Transfer of principal		50.00
Expended:		
Balance to 1930	$73.84	
	$73.84	$73.84

Other Expenses

Receipts:		
Appropriation		$200.00
Expended:		
Stationery, printing and office supplies	$60.24	
Telephone	79.86	
Taxi for investigations	15.00	
Balance to Excess and Deficiency	44.90	
	$200.00	$200.00

SOLDIERS' BENEFITS—General Administration

Salaries and Wages

Receipts:		
Appropriation		$900.00
Expended:		
Salary of Agent	$900.00	
	$900.00	$900.00

Other Expenses

Receipts:		
Appropriation		$100.00
Expended:		
Typewriting	$44.00	
Carfare	8.65	
Postage	11.40	
Telephone	.95	
Stationery, printing and office supplies	11.00	
Transfer bills	24.00	
	$100.00	$100.00

State Aid

(Due from Commonwealth, November 1930)

Receipts:		
Transfer Order No. 19323		$1,000.00
Transfer Order No. 19475		8.00
Expended:		
Cash orders	$1,008.00	
	$1,008.00	$1,008.00

Military Aid

(One half due from Commonwealth, November 1930)

Receipts:		
Appropriation		$300.00
Expended:		
Cash orders	$105.00	
Transfer Order No. 19475	8.00	
Balance to Excess and Deficiency	187.00	
	$300.00	$300.00

Soldiers' Relief

Receipts:		
Appropriation		$9,500.00
Cash receipts		412.87
Expended:		
Cash orders	$6,905.00	
Groceries	761.72	
Milk	410.63	
Fuel	1,159.05	
Medical supplies	18.03	
Medical attendance	31.00	
Hospital board and care	316.96	
Rent	280.00	
Clothing and shoes	26.90	
Balance to Excess and Deficiency	3.58	
	$9,912.87	$9,912.87

SCHOOL DEPARTMENT—Administration Salaries

(For details see report of School Department)

Receipts:		
Appropriation		$5,100.00
Expended:		
Salary of Superintendent	$5,100.00	
	$5,100.00	$5,100.00

Other General Salaries

Receipts:		
Appropriation		$3,100.00
Expended:		
Salary of Attendance Officer	$500.00	
Salary of clerks	2,543.87	
Transfer Order No. 19491	56.00	
Balance to Excess and Deficiency	.13	
	$3,100.00	$3,100.00

Other General Expenses

Receipts:		
Appropriation		$2,180.00
Transfer Order No. 19491		38.00
Expended:		
Bills paid	$2,217.19	
Balance to Excess and Deficiency	.81	
	$2,218.00	$2,218.00

Teachers' Salaries

Receipts:		
Appropriation		$266,529.00
Transfer Order No. 19491		198.00
Transfer Order No. 19472		85.00
Cash refunds		153.29
Expended:		
Salaries of teachers	$266,965.02	
Balance to Excess and Deficiency	.27	
	$266,965.29	$266,965.29

Textbooks and Supplies

Receipts:		
Appropriation		$16,000.00
Cash receipts		.80
Expended:		
Bills paid	$15,994.36	
Balance to Excess and Deficiency	6.44	
	$16,000.80	$16,000.80

Other Expenses

Receipts:		
Appropriation		$1,500.00
Expended:		
Bills paid	$1,295.26	
Transfer Order No. 19472	85.00	
Transfer Order No. 19491	119.00	
Balance to Excess and Deficiency	.74	
	$1,500.00	$1,500.00

Janitors' Services

Receipts:		
Appropriation		$20,500.00
Expended:		
Pay rolls	$19,879.77	
Transfer Order No. 19491	620.00	
Balance to Excess and Deficiency	.23	
	$20,500.00	$20,500.00

Fuel

Receipts:		
Appropriation		$12,000.00
Transfer Order No. 19491		92.00
Expended:		
Bills paid	$11,691.05	
Transfer Order No. 19366	400.00	
Balance to Excess and Deficiency	.95	
	$12,092.00	$12,092.00

Power and Light

Receipts:		
Appropriation		$3,300.00
Cash receipts		10.00
Expended:		
Bills paid	$3,151.90	
Transfer Order No. 19491	158.00	
Balance to Excess and Deficiency	.10	
	$3,310.00	$3,310.00

Janitors' Supplies

Receipts:		
Appropriation		$1,100.00
Transfer Order No. 19366		400.00
Expended:		
Bills paid	$1,433.10	
Transfer Order No. 19491	66.00	
Balance to Excess and Deficiency	.90	
	$1,500.00	$1,500.00

Maintenance of Buildings and Grounds

Receipts:		
Appropriation		$15,450.00
Transfer Order No. 19501		12.00
Cash receipts		23.62
Expended:		
Pay rolls	$1,500.00	
Bills paid	13,985.45	
Balance to Excess and Deficiency	.17	
	$15,485.62	$15,485.62

Athletics—Grades

Receipts:		
Appropriation		$700.00
Expended:		
Bills paid	$637.04	
Transfer Order No. 19491	62.00	
Balance to Excess and Deficiency	.96	
	$700.00	$700.00

Tuition

Receipts:		
Appropriation		$3,500.00
Transfer Order No. 19002		53.07
Transfer Order No. 19491		926.00
Expended:		
Bills paid	$4,478.44	
Balance to Excess and Deficiency	.63	
	$4,479.07	$4,479.07

Water Rates

Receipts:		
Appropriation		$850.00
Transfer Order No. 19002		120.01
Transfer Order No. 19491		39.00
Expended:		
Bills paid	$1,008.71	
Balance to Excess and Deficiency	.30	
	$1,009.01	$1,009.01

Washington School Playground

Receipts:		
Appropriation		$2,500.00
Expended:		
Bills paid	$2,206.78	
Balance to 1930	293.22	
	$2,500.00	$2,500.00

High School Athletics and Physical Training

Receipts:		
Appropriation		$3,500.00
Expended:		
Paid to Melrose Athletic Field Ass'n, Inc	$3,500.00	
	$3,500.00	$3,500.00

Consulting Architect for School Committee

Receipts:		
Appropriation		$500.00
Expended:		
Bills paid	$500.00	
	$500.00	$500.00

Rental of Memorial Hall for High School Assemblies

Receipts:		
Appropriation		$400.00
Expended:		
Paid City of Melrose	$90.00	
Transfer Order No. 19445	310.00	
	$400.00	$400.00

School House Construction—Budget Appropriation

Receipts:		
Appropriation		$32,000.00
Expended:		
Transfer to Lincoln School Addition—Non-Revenue	$17,000.00	
Transfer to High School Addition—Non-Revenue	15,000.00	
	$32,000.00	$32,000.00

Addition to Ripley School

Receipts:		
Appropriation		$8,000.00
Expended:		
Transfer to Ripley School Addition—Non-Revenue	$8,000.00	
	$8,000.00	$8,000.00

Washington School Roof—Renovating

Receipts:		
Appropriation		$1,800.00
Expended:		
Bills paid	$1,662.45	
Transfer Order No. 19491	137.00	
Balance to Excess and Deficiency	.55	
	$1,800.00	$1,800.00

Improve Franklin School Playground

Receipts:		
Appropriation		$1,500.00
Expended:		
Bills paid	$1,397.00	
Transfer Order No. 19445	80.00	
Transfer Order No. 19491	23.00	
	$1,500.00	$1,500.00

High School—Fire Protection

Receitps:		
Appropriation		$5,000.00
Expended:		
Bills paid	$4,913.84	
Transfer bill	80.00	
Balance to Excess and Deficiency	6.16	
	$5,000.00	$5,000.00

Roosevelt School Repairs

Receipts:		
Appropriation		$2,000.00
Transfer Order No. 19445		390.00
Expended:		
Bill paid	$2,387.00	
Balance to Excess and Deficiency	3.00	
	$2,390.00	$2,390.00

Convention—Cleveland, Ohio

Receipts:		
Appropriation		$270.00
Expended:		
Bills paid	$246.71	
Transfer Order No. 19501	12.00	
Balance to Excess and Deficiency	11.29	
	$270.00	$270.00

High School—Corridor Floor

Receipts:		
Appropriation		$1,800.00
Expended:		
Bills paid	$1,519.95	
Transfer Order No. 19491	52.00	
Balance to 1930	228.05	
	$1,800.00	$1,800.00

Roosevelt School Grading

Receipts:		
Appropriation		$500.00
Expended:		
Bills paid	$499.84	
Balance to Excess and Deficiency	.16	
	$500.00	$500.00

Levi S. Gould School Medal Fund (Income)

Receipts:		
Transfer of Income		$265.52
Withdrawn from account		6.75
Expended:		
Bills paid	$28.00	
Paid to Income Account	244.27	
	$272.27	$272.27

N. F. Hesseltine Fund (Income)

Receipts:		
Transfer of Income		$7.09
Interest		2.13
Expended:		
Bills paid	$5.00	
Balance to 1930	4.22	
	$9.22	$9.22

LIBRARIES—Salaries and Wages

Receipts:		
Appropriation		$13,426.20
Transfer Order No. 19473		60.00
Expended:		
Pay rolls	$13,485.92	
Balance to Excess and Deficiency	.28	
	$13,486.20	$13,486.20

Books and Periodicals

Receipts:		
Appropriation		$4,000.00
Expended:		
Bills paid	$3,999.96	
Balance to Excess and Deficiency	.04	
	$4,000.00	$4,000.00

Binding

Receipts:		
Appropriation		$800.00
Expended:		
Bills paid	$799.99	
Balance to Excess and Deficiency	.01	
	$800.00	$800.00

Fuel and Light

Receipts:		
Appropriation		$950.00
Expended:		
Bills paid	$947.07	
Balance to Excess and Deficiency	2.93	
	$950.00	$950.00

Buildings, Janitors' Supplies, etc.

Receipts:		
Appropriation		$1,200.00
Expended:		
Bills paid	$1,135.78	
Transfer Order No. 19473	60.00	
Balance to Excess and Deficiency	4.22	
	$1,200.00	$1,200.00

Other Expenses

Receipts:		
Appropriation		$550.00
Expended:		
Bills paid	$549.42	
Balance to Excess and Deficiency	.58	
	$550.00	$550.00

RECREATION

Pine Banks Park

Receipts:		
Appropriation		$3,000.00
Expended:		
Pay rolls	$1,626.00	
Electric light	16.60	
Property damage insurance	6.32	
Board of horse	100.00	
Food for animals	84.16	
Office supplies	1.50	

Oil and gasoline	23.64	
Carfares	2.60	
Express	1.65	
Tools and supplies	192.79	
Fuel	42.75	
Telephone	10.90	
Horseshoeing	4.50	
Plumbing repairs	45.00	
Cost of Ford truck	785.00	
Parts and repairs on truck	1.15	
Liability insurance	53.80	
Balance to Excess and Deficiency	1.64	
	$3,000.00	$3,000.00

PARK DEPARTMENT

(For details see report of Park Commission)

General Administration—Salaries and Wages

Receipts:		
Appropriation		$1,500.00
Expended:		
Salary of Superintendent	$1,500.00	
	$1,500.00	$1,500.00

General Administration—Other Expenses

Receipts:		
Appropriation		$350.00
Expended:		
Bills paid	$228.82	
Transfer Order No. 19465	121.18	
	$350.00	$350.00

Automotive Equipment and Maintenance

Receipts:		
Appropriation		$860.00
Cash receipts		638.80
Transfer Order No. 19465		30.00
Expended:		
Bills paid	$1,528.50	
Balance to Excess and Deficiency	.30	
	$1,528.80	$1,528.80

Convention—Louisville, Kentucky

Receipts:		
Transfer Order No. 19334		$175.00
Expended:		
Bills paid	$175.00	
	$175.00	$175.00

Main Street Christmas Illumination

Receipts:		
Transfer Order No. 19365-A		$750.00
Expended:		
Bills paid	$750.00	
	$750.00	$750.00

Parks and Gardens—Salaries and Wages

Receipts:		
Appropriation		$2,700.00
Expended:		
Pay rolls	$2,700.00	
	$2,700.00	$2,700.00

Parks and Gardens—Other Expenses

Receipts:		
Appropriation		$1,200.00
Transfer Order No. 19465		105.81
Expended:		
Bills paid	$1,305.81	
	$1,305.81	$1,305.81

Pleasant Street Park—Grading

Receipts:		
Appropriation		$350.00
Expended:		
Pay rolls	$99.12	
Transfer bills	250.88	
	$350.00	$350.00

Ell Pond Park—Lighting

Receipts:		
Appropriation		$180.00
Expended:		
Bills paid	$180.00	
	$180.00	$180.00

Winter Sports

Receipts:		
Appropriation		$1,500.00
Cash receipts		94.86
Expended:		
Pay rolls	$1,009.30	
Bills paid	585.43	
Balance to Excess and Deficiency	.13	
	$1,594.86	$1,594.86

Winter Carnival, 1929

Receipts:		
Appropriation		$100.00
Expended:		
Bills paid	$100.00	
	$100.00	$100.00

Playground—Salaries and Wages

Receipts:		
Appropriation		$4,000.00
Transfer Order No. 19465		7.35
Cash receipts		1,644.27
Expended:		
Pay rolls	$5,351.60	
Transfer Order No. 19333	125.00	
Transfer Order No. 19334	175.00	
Balance to Excess and Deficiency	.02	
	$5,651.62	$5,651.62

Playgrounds—Other Expenses

Receipts:		
Appropriation		$3,150.00
Transfer Order No. 19465		18.01
Expended:		
Bills paid	$3,167.32	
Balance to Excess and Deficiency	.69	
	$3,168.01	$3,168.01

Fence Around Playground

Receipts:		
Appropriation		$500.00
Expended:		
Bills paid	$496.50	
Transfer Order No. 19465	3.50	
	$500.00	$500.00

Taking 2 Lots for Lincoln Playground

Receipts:		
Appropriation		$1,000.00
Expended:		
Cost of land	$1,000.00	
	$1,000.00	$1,000.00

Tennis Courts on Boulevard

Receipts:		
Appropriation		$3,000.00
Cash receipts		351.08
Expended:		
Pay rolls	$1,143.02	
Bills paid	2,208.06	
	$3,351.08	$3,351.08

Bathhouse—Salaries and Wages

Receipts:		
Appropriation		$1,800.00
Expended:		
Pay rolls	$1,770.00	
Transfer Order No. 19465	30.00	
	$1,800.00	$1,800.00

Bathhouse—Other Expenses

Receipts:		
Appropriation		$950.00
Expended:		
Bills paid	$928.64	
Transfer bills	17.85	
Transfer Order No. 19465	3.51	
	$950.00	$950.00

Police Officer at Ell Pond

Receipts:		
Appropriation		$400.00
Transfer Order No. 19333		125.00
Expended:		
Salary of officer	$522.02	
Transfer Order No. 19465	2.98	
	$525.00	$525.00

CELEBRATIONS AND ENTERTAINMENTS

Observance of 4th of July and 75th Anniversary, 1925

Receipts:		
Balance from 1928		$35.05
Balance to Excess and Deficiency	$35.05	
	$35.05	$35.05

Observance of 4th of July, 1926

Balance from 1928		$31.80
Balance to Excess and Deficiency	$31.80	
	$31.80	$31.80

Observance of 4th of July, 1929

Receipts:		
Appropriation		$800.00
Expended:		
Pay rolls	$48.20	
Bills paid	751.41	
Balance to Excess and Deficiency	.39	
	$800.00	$800.00

Observance of Armistice Day November, 1929

Receipts:		
Appropriation		$200.00
Expended:		
Bills paid	$200.00	
	$200.00	$200.00

All Others

Receipts:		
Appropriation		$100.00
Expended:		
Ringing bells	$16.00	
Christmas trees, wreaths and lights	18.75	
Balance to Excess and Deficiency	65.25	
	$100.00	$100.00

Pensions

Receipts:		
Appropriation, Treasury Department		$1,200.00
Public Works Department		12,864.00
Police Department		1,962.50
Fire Department		1,075.00
School Department		500.00
Library Department		600.00
Expended:		
Treasury Department	$1,200.00	
Public Works Department	12,220.49	
Transfer Order No. 19449	630.00	
Police Department	1,962.50	
Fire Department	1,075.00	
School Department	500.00	
Library Department	600.00	
Balance to Excess and Deficiency	13.51	
	$18,201.50	$18,201.50

UNCLASSIFIED—Claims

Receipts:		
Balance from 1928		$152.94
Transfer Order No. 18887		20.00
Transfer Order No. 18791-A		325.00
Transfer Order No. 18838		50.00
Transfer Order No. 191967		25.75
Transfer Order No. 19168		20.00
Transfer Order No. 19167-A		25.75
Expended:		
Claims paid	$466.50	
Balance to 1930	152.94	
	$619.44	$619.44

Memorial Day

Receipts:		
Appropriation—G. A. R.		$600.00
Melrose Post No. 90, American Legion		400.00
Fire Department		50.00
Expended:		
G. A. R.	$519.85	
Transfer Order No. 19365-A	80.15	
Melrose Post No. 90, American Legion	399.47	
Transfer Order No. 19365-A	.53	
Fire Department	43.00	
Transfer Order No. 19365-A	7.00	
	$1,050.00	$1,050.00

Printing City Report

Receipts:		
Appropriation		$500.00
Transfer Order No. 19376		7.30
Expended:		
Advertising	$2.50	
Postage	4.80	
Printing reports	500.00	
	$507.30	$507.30

Fire and Boiler Insurance

Receipts:		
Appropriation		$9,000.00
Cash refunds		321.08
Expended:		
Bills paid	$9,124.82	
Balance to Excess and Deficiency	196.26	
	$9,321.08	$9,321.08

Portraits

Receipts:		
Balance from 1928		$497.00
Expended:		
Portrait—Mayor Provandie	$75.00	
Portrait—Alderman Malm	50.00	
Balance to 1930	372.00	
	$497.00	$497.00

To Indemnify Commonwealth in Reconstruction of Newburyport Turnpike

Receipts:		
Balance from 1928		$51.00
Balance to 1930	$51.00	
	$51.00	$51.00

American Legion Headquarters

Receipts:		
Appropriation		$900.00
Expended:		
Paid for rent of quarters	$900.00	
	$900.00	$900.00

New Building Construction

Receipts:		
Balance from 1928		$3,747.62
Expended:		
Transfer Order No. 18993	$1,734.50	
Transfer Order No. 19402	2,013.12	
	$3,747.62	$3,747.62

Rifle Practice—182nd Inf. M. N. G. Headquarters Co., 3rd Battalion

Receipts:		
Balance from 1928		$12.21
Appropriation		600.00
Transfer Order No. 18957		6.54
Expended:		
Paid for use of Wakefield Rifle Range, 1929	$584.04	
Balance to Excess and Deficiency	34.71	
	$618.75	$618.75

Memorial Hall—Organ Concerts

Receipts:		
Appropriation		$200.00
Transfer Order No. 19399	$200.00	
	$200.00	$200.00

Traffic Signals

Receipts:		
Balance from 1928		$1,700.00
Balance to 1930	$1,700.00	
	$1,700.00	$1,700.00

Acquiring Land for Schoolhouse purposes—Hesseltine Avenue

Receipts:		
Balance to 1928		$8,000.00
Expended:		
Paid for Land	$8,000.00	
	$8,000.00	$8,000.00

Revising City Ordinances

Balance from 1928		$300.00
Balance to 1930	$300.00	
	$300.00	$300.00

Clearing and Improving Ellis Property

Receipts:		
Balance from 1928		$349.48
Expended:		
Pay rolls	$268.44	
Transfer Bills	81.04	
	$349.48	$349.48

Taking Land Rear of Essex Street for Parking Purposes

Receipts:		
Appropriation		$6,000.00
Expended:		
Cost of Land	$6,000.00	
	$6,000.00	$6,000.00

Purchase of 5 Ton Tandem Road Roller

Receipts:		
Transfer Order No. 18844		$3,400.00
Expended:		
Cost of Roller	$3,400.00	
	$3,400.00	$3,400.00

Sale of Old Winthrop School

Receipts:		
Balance from 1928		$50.00
Balance to Estimated Receipts	$50.00	
	$50.00	$50.00

Fire Loss—City Hall (Health Dept.)

Receipts:		
Balance from 1928		$901.11
Cash receipts		69.08
Expended:		
Bills paid	$369.40	
Transfer Order No. 19365-A	565.99	
Balance to Estimated Receipts	34.80	
	$970.19	$970.19

Fire Loss—Melrose High School

Receipts:		
Cash receipts		$160.50
Expended:		
Bills paid	$55.00	
Transfer bills	105.50	
	$160.50	$160.50

New Fire Station—Grading, Edgestones and Walks

Receipts:		
Appropriation		$2,320.00
Expended:		
Pay rolls	$771.55	
Bills paid and transfer bills	1,511.05	
Balance to Excess and Deficiency	37.40	
	$2,320.00	$2,320.00

Sale of City Property, Order No. 19148-A—Franklin Street

Receipts:		
Received from sale of property		$2,900.00
Balance to 1930	$2,900.00	
	$2,900.00	$2,900.00

Purchase of Land of Mans Prohl, Hesseltine Avenue and Pearl Street, for Highway Extension

Receipts:		
Transfer Order No. 18561-A		$500.00
Balance to 1930	$500.00	
	$500.00	$500.00

WATER DIVISION—Maintenance

Receipts:		
Appropriation		$20,000.00
Cash receipts		8.00
Expended:		
Pay rolls	$15,897.64	
Bills paid and transfer bills	2,998.43	
Balance to Water Income	1,111.93	
	$20,008.00	$20,008.00

New Meters

Receipts:		
Appropriation		$3,000.00
Expended:		
Bills paid and transfer bills	$2,909.85	
Balance to Excess and Deficiency	90.15	
	$3,000.00	$3,000.00

Inside Services

Receipts:		
Estimates received		$9,955.50
Overdraft to 1930		2,413.79
Expended:		
Overdraft from 1928	$1,906.08	
Pay rolls	3,175.01	
Transfer bills	4,804.03	
Estimates refunded	2,484.17	
	$12,369.29	$12,369.29

CEMETERY DEPARTMENT—Maintenance

Receipts:		
Appropriation		$17,400.00
Transfer Order No. 19000		94.55

Expended:		
Salary of Superintendent	$2,700.00	
Salary of men	12,315.43	
Salary of Committee	75.00	
Postage	44.00	
Tools, supplies and repairs	822.63	
Freight and express	18.68	
Stationery, printing and office supplies	57.75	
Electric light	23.20	
Parts and repairs on truck	54.48	
Gas, oil and alcohol	289.87	
Telephone	130.04	
Loam, filling, etc	68.50	
Miscellaneous labor	11.53	
Furnish and install furnace	90.00	
Advertising	4.00	
Trees, shrubs and flowers	137.50	
Superintendent's bond	5.00	
Painting office	50.00	
Clerical work	194.20	
Furniture	11.00	
Insurance on truck	16.85	
Liability insurance	171.41	
Surveying	61.25	
Water Rates 1928	94.55	
Fuel	35.30	
Repair vault and doors	7.70	
Balance to Excess and Deficiency	4.68	
	$17,494.55	$17,494.55

Improvements

Receipts:		
Appropriation		$5,000.00
Expended:		
Salary of men	$2,538.60	
Tools and supplies	53.89	
Surveying and plans	183.50	
Garage door and frames	56.14	
Building stone garage and tool house	913.16	
Gravel roof	70.00	
Permit and license	3.00	
Heating and plumbing repairs	15.47	
Loam, stone and filling	1,165.90	
Balance to Excess and Deficiency	.34	
	$5,000.00	$5,000.00

Bills Payable—Revenue

Receipts:		
Balance from 1928		$277.25
Expended:		
Bills paid	$267.25	
Transfer bills	4.82	
Balance to Excess and Deficiency	5.18	
	$277.25	$277.25

INTEREST

Receipts:		
Balance from 1928		$30,568.13
Appropriation		71,000.00
Received on bank deposits		6,294.78
Received on taxes		17,773.93
Received on assessments		6,397.81
Received on takings and tax titles		2,190.37
Received on city possessions		502.43
Transfers		43.20
Expended:		
Budget appropriation	$30,568.13	
For Municipal Loans	7,718.13	
For Surface Drainage Loans	4,197.50	
For Revenue Loans	28,349.60	
For City Hall Addition Loans	2,040.00	
For Sewer Loans	9,055.00	
For Fire Station Loans	1,400.00	
For Schoolhouse Loans	18,155.00	
For Park Loans	30.00	
For Auditorium and Memorial Building Loans	1,400.00	
For City Stable Loans	1,040.00	
Refunds	7.64	
Transfers	.48	
Balance to Estimated Receipts	30,809.17	
	$134,770.65	$134,770.65

AGENCY TRUSTS AND INVESTMENT TRANSACTIONS

Guarantee deposits received		$150.00
Deposits returned	$150.00	
	$150.00	$150.00

Taxes:		
State		$40,800.00
County		46,424.10
County Tuberculosis		4,686.91
Metropolitan Sewer		26,793.55
Metropolitan Park		21,063.33
State Highway		291.05
Charles River Basin		3,440.37
Metropolitan Planning		276.98
Auditing Municipal Accounts		507.05
Fire Prevention		296.77
Southern Route		217.11
Abatement of Smoke Nusiance		107.20
Saugus Water		40.00
Snow Removal		3.75
Cottage Farm Bridge		11,977.86
Northern Traffic Route		2,279.25
Expended:		
Paid State Treasurer	$108,094.27	
Paid County Treasurer	51,111.01	
	$159,205.28	$159,205.25

NON-REVENUE

Loans Authorized

Oder No. 18985, Sewer Construction		$35,000.00
Order No. 18986, Surface Drainage Construction		25,000.00
Order No. 18987, Continuous Walks		40,000.00
Order No. 18988, Water Construction		30,000.00
Order No. 19022, School House Construction		170,000.00
Order No. 19185-A, Ripley School Construction		30,000.00
Order No. 19294, Sewer Construction		5,000.00
Order No. 19390, Water Construction		5,000.00
Loan Orders issued	$340,000.00	
	$340,000.00	$340,000.00

CITY STABLES CONSTRUCTION—Storage Quarters

Receipts:		
Balance from 1928		$407.51
Transfer Order No. 19402		2,013.12
Expended:		
Bills paid	$1,006.75	
Balance to 1930	1,413.88	
	$2,420.63	$2,420.63

PUBLIC WORKS DEPT.—Departmental Equipment

Receipts:		
Balance from 1928		$136.45
Balance to 1930	$136.45	
	$136.45	$136.45

PURCHASE OF F. E. ELLIS PROPERTY—Winthrop Street

Receipts:		
Balance from 1928		$82.46
Balance to 1930	$82.46	
	$82.46	$82.46

CONSTRUCTION OF NEW FIRE STATION—Melrose and Tremont Sts.

Receipts:		
Balance from 1928		$6,057.89
Transfer Order No. 18993		1,734.50
Expended:		
Heating	$939.24	
Electric Work	274.50	
Architect services	355.59	
Plumbing	355.50	
General Construction	5,667.56	
Telechron Clock	200.00	
	$7,792.39	$7,792.39

SEWER DIVISION—Private Sewers

Receipts:		
Balance from 1928		$41.05
Estimates received		12,571.79
Overdraft to 1930		837.14
Expended:		
Pay rolls	$7,037.87	
Transfer bills	3,322.48	
Estimates refunded	3,089.63	
	$13,449.98	$13,449.98

Construction

Receipts:	
Balance from 1928	$17,965.33
Loan Authorized No. 18985	35,000.00
Loan Authorized No. 19294	5,000.89
Return balance on Order No. 19293	2,109.00
Cash receipts	478.20

Expended:		
Transfer Order No. 19293	$5,500.00	
Pay rolls	20,245.07	
Bills paid and transfer bills	10,884.41	
Balance to 1930	23,923.94	
	$60,553.42	$60,553.42

Construction, Order No. 19293

Receipts:		
Transfer Order No. 19293 from Construction		$5,500.00
Transfer Order No. 19293 from Receipts		3,500.00
Expended:		
Pay rolls, bills paid and transfer bills	$6,890.11	
Balance to Sewer Construction	2,109.89	
	$9,000.00	$9,000.00

SEWER ASSESSMENTS ACCOUNT—REVENUE

Receipts:		
Balance from 1928		$3,228.01
Assessments collected 1929		9,013.02
Expended:		
Pay rolls	$1,895.60	
Bills paid	159.90	
Transfer bills	504.58	
Transfer of refund	11.59	
Transfer of receipts	37.98	
Transfer Order No. 19293	3,500.00	
Balance to 1930	6,131.38	
	$12,241.03	$12,241.03

SURFACE DRAINAGE—Construction

Receipts:		
Balance from 1928		$7,024.29
Loan Authorized No. 18986		25,000.00
Transfer of Budget Appropriation		8,645.30
Expended:		
Pay rolls	$18,731.55	
Bills paid and transfer bills	21,674.68	
Balance to 1930	263.36	
	$40,669.59	$40,669.59

HIGHWAYS—Continuous Walks

Receipts:		
Balance from 1928		$18,635.99
Loan Authorized No. 18987		40,000.00
Transfer of Budget Appropriation		8,645.30
Cash receipts		78.79
Expended:		
Pay rolls	$10,983.42	
Bills paid and transfer bills	34,711.38	
Balance to 1930	21,665.28	
	$67,360.08	$67,360.08

SIDEWALK ASSESSMENT ACCOUNT—REVENUE

Receipts:		
Assessments collected 1929		$11,253.10
Transfer of receipts		45.47
Expended:		
Bills paid	$4.46	
Transfer of receipts	25.36	
Transfer of refund	5.18	
Balance to 1930	11,263.57	
	$11,298.57	$11,298.57

HIGHWAYS—Construction

Receipts:		
Loan Authorized No. 19285		$33,000.00
Transfer Order No. 19285-B		33,000.00
Transfer of Budget Appropriation		19,692.00
Return Balances		12,102.07
Expended:		
Overdraft from 1928	$6,241.71	
Order No. 19285-B rescinding Order No. 19285	33,000.00	
Transfer Order No. 18561-A	500.00	
Sundry transfer orders	49,838.00	
Return deficit	75.72	
Pay rolls	943.86	
Bills paid and transfer bills	1,397.02	
Balance to 1930	5,797.76	
	$97,794.07	$97,794.07

Dyer Avenue Construction

Receipts:		
Balance from 1928		$3,600.18
Expended:		
Pay rolls	$906.30	
Bills paid and transfer bills	1,596.69	
Balance to Highway Construction	1,097.19	
	$3,600.18	$3,600.18

Thirteenth Street Construction

Balance from 1928		$2,745.68
Balance to Highway Construction	$2,745.68	
	$2,745.68	$2,745.68

Maple Road Construction

Balance from 1928		$2,431.07
Balance to Highway Construction	$2,431.07	
	$2,431.07	$2,431.07

Clifford Street Construction

Balance from 1928		$1,447.34
Balance to Highway Construction	$1,447.34	
	$1,447.34	$1,447.34

Highview Avenue Construction

Overdraft from 1928	$75.72	
Deficit ro Highway Construction		$75.72
	$75.72	$75.72

Prescott, Temple and Beacon Streets Construction

Receipts:		
Balance from 1928		$15,460.97
Transfer Order No. 18224-A		4,400.00
Expended:		
Pay rolls	$10,410.60	
Bills paid and transfer bills	8,886.76	
Balance to 1930	563.61	
	$19,860.97	$19,860.97

Melbourne Avenue Construction

Balance from 1928		$676.19
Balance to Highway Construction	$676.19	
	$676.19	$676.19

Pine Street Construction

Receipts:		
Balance from 1928		$2,064.00
Expended:		
Pay rolls	$832.07	
Bills paid and transfer bills	890.14	
Balance to Highway Construction	341.79	
	$2,064.00	$2,064.00

Leonard Road Construction

Receipts:		
Transfer Order No. 17054-A		$7,739.00
Expended:		
Pay rolls	$19.87	
Bills paid and transfer bills	17.55	
Balance to 1930	7,701.58	
	$7,739.00	$7,739.00

Melrose Street Construction

Receipts:		
Transfer Order No. 17622-A		$2,841.00
Expended:		
Bills paid	$3.96	
Balance to 1930	2,837.04	
	$2,841.00	$2,841.00

Whitman Avenue Construction

Receipts:		
Transfer Order No. 17863-A		$12,001.00
Expended:		
Bills paid	$5.71	
Balance to 1930	11,995.29	
	$12,001.00	$12,001.00

Ravine Terrace Construction

Receipts:		
Transfer Order No. 18241-A		$8,660.00
Expended:		
Bills paid	$4.26	
Balance to 1930	8,655.74	
	$8,660.00	$8,660.00

Crest Avenue Construction

Receipts:		
Transfer Order No. 18243-A		$4,826.00
Expended:		
Pay rolls	$1,087.34	
Bills paid and transfer bills	1,167.67	
Balance to 1930	2,570.99	
	$4,826.00	$4,826.00

Garland Street Construction

Receipts:		
Transfer Order No. 18479-A		$7,352.00
Expended:		
Pay rolls	$872.94	
Bills paid and transfer bills	1,585.26	
Balance to 1930	4,893.80	
	$7,352.00	$7,352.00

Gibbons Street Construction

Receipts:		
Transfer Order No. 16887-A		$2,019.00
Expended:		
Bills paid	$3.74	
Balance to 1930	2,015.26	
	$2,019.00	$2,019.00

SCHOOLHOUSE CONSTRUCTION AND GRADING

Balance from 1928		$49.09
Balance to 1930	$49.09	
	$49.09	$49.09

NEW WINTHROP SCHOOL—Construction

Receipts:		
Balance from 1928		$2,347.55
Expended:		
Loam and labor	$2,006.91	
Landscape work and seeding	227.15	
Balance to 1930	113.49	
	$2,347.55	$2,347.55

LINCOLN SCHOOL ADDITION

Receipts:		
Loan Authorized No. 19022		$170,000.00
Transfer of Budget Appropriation		17,000.00
Transfer Order No. 19399		1,250.00
Expended:		
Architect fees	$9,610.24	
Advertising	5.00	
General contract work	64,266.80	
Heating	6,938.55	
Plumbing	5,934.70	
Electric work	5,270.00	
Building temporary stairs	400.00	
Balance to 1930	95,824.71	
	$188,250.00	$188,250.00

RIPLEY SCHOOL ADDITION

Receipts:		
Loan Authorized No. 19185-A		$30,000.00
Transfer of Budget Appropriation		8,000.00
Expended:		
Balance to 1930	$38,000.00	
	$38,000.00	$38,000.00

High School Addition

Receipts:		
Transfer of Budget Appropriation		$15,000.00
Balance to 1930	$15,000.00	
	$15,000.00	$15,000.00

WATER DIVISION—Construction

Receipts:		
Balance from 1928		$251.10
Loan Authorized No. 18988		30,000.00
Loan Authorized No. 19390		5,000.00

Expended:		
Pay rolls	$14,161.03	
Bills paid and transfer bills	19,492.74	
Transfer Order No. 19167-A	25.75	
Balance to 1930	1,571.58	
	$35,251.10	$35,251.10

Pay Roll Tailings

Receipts:		
Balance from 1928		$354.32
Cash receipts		11.13
Expended:		
Tansferred to Revenue Account	$365.45	
	$365.45	$365.45

Levi S. Gould School Medal Fund

Receipts:		
Balance from 1928		$244.27
Transfer of interest		21.25
Transferred to Income Account—Revenue	$265.52	
	$265.52	$265.52

Norman F. Hesseltine Fund

Receipts:		
Balance from 1928		$4.97
Transfer of interest		2.12
Transferred to Income Account—Revenue	$7.09	
	$7.09	$7.09

PREMIUM FUNDS

Sewer Loan

Balance from 1928		$164.17
Cash received		119.00
Payments:		
Transfer to Budget 1929	$164.17	
Transfer to Revenue Account	119.00	
	$283.17	$283.17

Surface Drainage Loan

Balance from 1928		$61.47
Cash received		85.00

Payments:		
Transfer of Budget 1929	$61.47	
Transfer to Revenue Account	85.00	
	$146.47	$146.47

Water Loan

Balance from 1928		$143.73
Transfer to Budget 1929	$143.73	
	$143.73	$143.73

Temporary Loan

Balance from 1928		$18.10
Cash received		3.00
Payments:		
Transfer to Budget 1929	$18.10	
Transfer to Revenue Account	3.00	
	$21.10	$21.10

Municipal Loan

Balance from 1928		$81.63
Cash received		136.00
Payments:		
Transfer to Budget 1929	$81.63	
Transfer to Revenue Account	136.00	
	$217.63	$217.63

School Loan

Cash received		$2,463.30
Transfer to Revenue Account	$2,463.30	
	$2,463.30	$2,463.30

Sinking Fund for Payment of Dept

Cash received from Sinking Fund Commissioners		$78,000.00
Payments:		
Bonds redeemed	$77,000.00	
Transfer to Revenue Account	1,000.00	
	$78,000.00	$78,000.00

SINKING FUNDS

Sewer Loan Sinking Fund

Balance from 1928		$35,355.03
Transferred from School Sinking Fund		16,610.29
Net decrease 1929	$226.50	
Balance to 1930	51,738.82	
	$51,965.32	$51,965.32

Cemetery (Perpetual Care) Fund

Balance from 1928		$120,071.18
Received for care of lots and single graves		5,471.50
Balance to 1929	$125,542.68	
	$125,542.68	$125,542.68

SCHEDULE OF CITY PROPERTY

Fire Department:		
Building and land	$111,000.00	
Equipment and personal property	72,967.94	
Fire alarm system	22,252.00	$206,219.94
Police Department:		
Equipment and personal property	$11,129.05	
Police signal system	9,222.00	$20,351.05
Health Department:		
Personal property	$325.00	$325.00
Public Libraries:		
Buildings and land	$62,000.00	
Books and fixtures	59,200.00	$121,200.00
School Department:		
Buildings and land	$1,186,429.00	
Furnishings	89,000.00	
Hesseltine School Lot	8,000.00	
Washington School Playground	5,000.00	$1,288,429.00
Park Department:		
Buildings and land	$155,000.00	
Equipment	18,500.00	$173,500.00
Sealer of Weights and Measurers:		
Equipment and fixtures	$1,497.00	$1,497.00

Cemetery Department:		
Buildings and land	$36,200.00	
Equipment and fixtures	1,753.00	
Water System	900.00	$38,853,00
Auditorium and Memorial Building:		
Building and land	$117,000.00	
Furniture and fixtures	75,000.00	$192,000.00
Board of Appeal:		
Equipment and personal property	$100.00	$100.00
Public Works Department:		
City Hall, building and land	$175,702.75	
City Hall, furniture and fixtures	18,121.88	$193,824.63
Highway Division:		
Buildings and land	$52,073.57	
Equipment	55,155.63	$107.229.20
Sewerage System:		
Cost of Construction Dec. 31, 1928	$776,725.08	
Addition to construction to Dec. 31,1929	40,899.96	$817,625.04
Surface Drainage System:		
Cost of Construction Dec. 31, 1928	$379,898.36	
Addition to construction to Dec. 31,1929	40,406.23	$420,304.59
Water System:		
Cost of Construction Dec. 31, 1928	$744,165.47	
Addition to construction to Dec. 31,1929	33,653.77	$777,819.24

Report of City Clerk

To the Honorable Board of Aldermen
of the City of Melrose.

Gentlemen:

The undersigned has the honor of presenting the twenty-ninth annual report of the expenditures and receipts of the City Clerk's office for the year ending December 31st, 1929.

RECEIPTS OF THE CITY CLERK'S OFFICE BY MONTHS		DIVISION OF RECEIPTS	
January	$164.50	Garages	$505.00
February	208.20	Licenses	708.00
March	99.25	Marriages	205.00
April	414.00	Miscellaneous	295.25
May	192.00	Mortgages	300.04
June	171.25		
July	134.50		
August	150.04		
September	119.55		
October	123.75		
November	85.50		
December	150.75		
	$2,013.29		$2,013.29

DOG LICENSES COLLECTED FROM DECEMBER 1, 1928 TO DECEMBER 31, 1929

Total collected on 1,218 dogs		$2,784.00
Paid County Treasurer June 1, 1929	$2,212.80	
Paid County Treasurer Dec. 1, 1929	318.60	
Fees on 1,218 dogs at 20 cents	243.60	
Deposited in Melrose Trust Co	9.00	$2,784.00

FISH AND GAME DIVISION ACCOUNT

Total amount collected		$637.50
Paid Fish and Game Division, State House	$564.50	
Fees on 295 licenses at 25 cents	73.00	$637.50

RECAPITULATION

City Clerk's Receipts	$2,013.29	
Dog Collections on 1,218 dogs	2,784.00	
Fish and Game account, 295 licenses	637.50	$5,434.79

Respectfully submitted,

VICTOR C. KIRMES,

City Clerk

Report of City Treasurer

The Honorable Mayor and Board of Aldermen.

Gentlemen:

I submit to you herewith my report covering the operations of the Treasury Department for the year 1930.

Very truly yours,

S. HOMER BUTTRICK,
City Treasurer

CASH STATEMENT FOR 1929

Cash in Bank and Office January 1, 1929	$124,327.57
Receipts, January 1, 1929—January 1, 1930	2,842,749.78
	$2,967,077.35
Payments, January 1, 1929—January 1, 1930	$2,649,479.06
Balance, Cash in Bank and Office, January 1, 1930	$317,598.29

For details see report of City Auditor.

S. HOMER BUTTRICK,
City Treasurer

CASH RECEIPTS FOR 1929

Showing the different sources of the City Revenue and the amount received from each.

Aldermen, Other Expenses	$55.00
Auditorium Building, Receipts	3,347.46
Automotive Equipment	222.69
Betterments	6,744.98
Cemetery:	
Receipts	10,841.18
Interest received on Trust Fund	4,917.11
Charity Receipts	2,695.72
City Hall:	
Other Expenses	.75
Receipts	40.00
City Clerk, Receipts	595.29
City Possessions	1,636.51
Collector, Receipts	482.97
Commonwealth of Massachusetts:	
Receipts	997.50
Bank and Corporation Tax	17,332.92
Street Railway Tax	1,262.86
Income Tax	137,502.52
Fines and Forfeits, Court Fines	1,310.50
Fire Department, Receipts	54.70
Forestry:	
Care of Trees	25.00
Planting of Trees	231.00
Funds:	
Cemetery Trust Fund	5,471.50
Ambulance Fund	361.50
Levi S. Gould Medal Fund	28.00
Currier Fund	1,128.18
Community Civics Fund	1.85
Norman F. Hesseltine Fund	4.25
Grants and Gifts, Dog Tax	2,649.18
Guaranty Deposits	150.00
Health:	
Receipts	67.00
Quarantine and Contagious Disease	46.00
Collection of Garbage	3,062.00
Other Expenses	118.96

Highways:	
Street Lighting	$180.00
Repairing	3,818.97
Sidewalks, Continuous	78.79
Sidewalks, Individual	4,308.52
Inspector of Building Receipts	926.50
Interest, Receipts	33,199.32
Insurance, City Hall Fire Loss	69.08
Insurance, High School Fire Loss	160.50
Licenses, All Others	1,767.00
Loans:	
Temporary	800,000.00
Renewals	100,000.00
Parks:	
Receipts	707.64
Salaries and Wages	1,644.27
Automotive	533.80
Pay Roll Tailings	11.13
Permits:	
Marriage	205.00
All Others	14.00
Police:	
Receipts	$10.00
Equipment and Repairs	15.00
Premiums:	
Sewer Loan	119.00
Surface Drainage Loan	85.00
School Loan	2,463.30
Permanent Loan	136.00
Temporary Loan	3.00
Public Works, Receipts	65.00
Sale of Bonds:	
Permanent	40,000.00
Surface Drainage	25,000.00
School House	200,000.00
Sewer	40,000.00
Water	35,000.00
Sanitation:	
Sewer Construction Receipts	478.20
Sewer, Private	12,571.79
Sealer of Weights and Measurers	136.67
Special Assessments:	
Moth Extermination	14.95
Sewer	8,743.78
Sidewalks and Curbings	10,994.87
Sale of City Property	2,975.00
Soldiers Benefits and Relief	412.87
Burial	99.00

Schools:	
Teachers' Salaries, Receipts	$153.29
Text Books and Supplies	.80
Receipts	5,662.32
Sinking Fund Commissioners, School Bonds	78,000.00
Taxes:	
1923	5.00
1924	11.18
1925	314.34
1926	7,757.79
1927	45,217.63
1928	285,377.22
1929	800,440.33
Tax Takings	1,308.10
Tax Title Redemptions	5,678.09
Unclassified	1.00
Unclassified Insurance	321.08
Water:	
Income	72,205.08
Maintenance	8.00
Inside Service	9,955.50
	$2,842,749.78

BONDS AND NOTES OF THE CITY OF MELROSE OUTSTANDING DECEMBER 31, 1929

and amounts maturing each year until paid

YEAR	Permanent Loans	Surface Drainage	School House	Sewer	Water	Memorial Building	City Hall Addition	City Stables	Fire Station	Totals
1930	$46,000	$14,500	$46,000	$21,500	$38,000	$5,000	$3,000	$2,000	$3,000	$179,000
1931	33,000	12,500	46,000	21,500	32,000	5,000	3,000	2,000	3,000	158,000
1932	27,000	9,000	46,000	20,500	23,000	2,000	3,000	2,000	3,000	135,500
1933	19,000	7,000	44,000	18,500	14,000	2,000	3,000	2,000	3,000	112,500
1934	15,000	7,000	43,500	17,000	7,000	2,000	3,000	2,000	3,000	99,500
1935	7,000	6,500	42,500	14,500		2,000	3,000	2,000	3,000	80,500
1936	4,000	5,000	42,500	13,000		2,000	3,000	2,000	3,000	74,500
1937	4,000	5,000	42,500	13,000		2,000	3,000	2,000	3,000	74,500
1938		5,000	42,500	23,000		2,000	3,000	2,000	3,000	80,500
1939		5,000	42,500	23,000		2,000	3,000	2,000	3,000	80,500
1940		5,000	42,500	21,000		2,000	3,000	2,000	2,000	77,500
1941		5,000	42,500	19,000		2,000	3,000	2,000		73,500
1942		3,000	30,500	16,000		2,000	3,000			54,500
1943		1,000	20,500	4,000			2,000			27,500
1944			7,000	4,000						11,000
1945				2,000						2,000
1946				2,000						2,000
1947				2,000						2,000
1948				2,000						2,000
	$155,000	$90,500	$581,000	$257,500	$114,000	$32,000	$41,000	$24,000	$32,000	$1,327,000
To be paid from SINKING FUNDS				50,000						50,000
To be paid from TAXES										$1,277,000

CEMETERY TRUST FUND

Amount in Fund, January 1, 1929	$120,071.18
Amount added to Fund, 1929	5,471.50
Amount in Fund, December 31, 1929	$125,542.68

List of Securities in Fund December 31, 1929

City of Melrose, Surface Drainage bond	$1,000.00	
City of Melrose, School House bonds	6,000.00	
City of Melrose, Sewer bonds	11,000.00	
City of Melrose, Water bonds	45,000.00	
City of Melrose, Memorial Building bonds	2,000.00	
City of Melrose, Highway bonds	11,000.00	
City of Melrose, Municipal Notes	5,500.00	
State of Illinois, bonds	10,000.00	
U. S. Government bonds	7,000.00	
Total		$98,500.00

Disposition of Cash

Beacon Trust Co., Savings Dept	$5,000.00	
Charlestown Savings Bank	4,000.00	
Malden Savings Bank	5,000.00	
Melrose Savings Bank	10,000.00	
Melrose Trust Company	3,042.68	
Total		$27,042.68
Total Cash and Securities		$125,542.68
Amount in Fund		$125,542.68

TAX TITLES

Outstanding Oct. 1, 1929.	$31,412.67	Redeemed.....	$6,933.48
		Foreclosed.....	$6,711.66
		Balance, Dec. 31, 1929.....	$17,767.53
	$31,412.67		$31,412.67

INCOME ACCOUNT OF THE LEVI S. GOULD SCHOOL MEDAL FUND

Balance, Jan. 1, 1929....	$244.27	Auditor's Warrant..	$6.75
Interest.....	21.25	Bal., Dec. 31, 1929	$258.77
	$265.52		$265.52

SARAH E. FITCH FUND

Balance, Jan. 1, 1929.....	$529.48		
Interest.....	26.25	Bal., Dec. 31, 1929..	$555.73
	$555.73		$555.73

J. C. F. SLAYTON ORGAN FUND

$10,000.00 New York City Registered Bond

Interest received, 1929...	$400.00	Deposited, Melrose Savings Bank....	$400.00

100th ANNIVERSARY TOWN OF MELROSE

Balance, Jan. 1, 1929....	$60.12	Balance, Melrose	
Interest.....	3.03	Savings Bank....	$63.15
	663.15		$63.15

COMMUNITY CIVICS FUND, CLASS OF 1918 MELROSE HIGH SCHOOL

$50.00 deposited in Melrose Savings Bank

	Income		
Balance Jan. 1, 1929.....	$21.99	Bal., Dec. 31, 1929.	$23.84
Interest.....	1.85		
	$23.84		$23.84

Report of Memorial Building Trustees

To the Honorable Mayor and Board of Aldermen,
Melrose, Massachusetts.

Gentlemen:

We hereby submit the report of the Trustees of the Memorial Building for the year 1929.

The Trustees were Leon H. Palmer, Edward J. Lord, Leslie B. Ellis, Louis K. McNally and Fred E. Ellis. The organization for 1929 was Fred E. Ellis, Chairman; Louis K. McNally, Secretary; Leon H. Palmer, Chairman of Committee in charge of Management of Building; Leslie B. Ellis, Chairman of Committee in charge of Building; Margaret E. Dunlay, Clerk.

During the year repairs have been made to the northwest corner of the Building, which had been slowly settling since the addition was built. This work was completed in the summer and there has been no settlement since. We believe that this bad condition has been remedied.

It has been the custom to render bills for rentals after the building has been used. Most of these charges have been paid promptly, but some have not been paid at all. We believe that the ordinance should be amended so that all rentals would be paid in advance to use of the building. The ordinances now require all annual renters to pay their money in advance, but it is silent on this matter in regard to transient renters.

The appropriations and espenditures for the year are as follows:

Salaries and Wages:			
Appropriation		$3,200.00	
Expended		3,131.55	
Balance			$68.45
Other Expenses:			
Appropriation		$3,000.00	
Expended:			
Invoices	$2,015.46		
B. of A. Transfer	700.00	2,715.46	
Balance			$284.54
Free Organ Concerts:			
Appropriation		$200.00	
Expended:			
B. of A. Transfer		200.00	
Balance			$0.00

Repairs after Construction:

Balance 1929		$2,837.19	
Expended:			
Invoices	$2,482.52		
B. of A. Transfer	350.00	2,832.42	
Balance			$4.77

The rentals of the building for 1929 amounted to $3,484.25.

Receipts:

Amounts received on 1928 accounts	$504.62	
Amounts received on 1929 accounts	2,812.84	
Total		$3,317.46

Respectfully submitted,

FRED E. ELLIS, *Chairman*
Trustees of Memorial Building

Report of Public Library Trustees

Trustees

REV. PAUL STERLING
MRS. MARY C. BARTON
MRS. FRANK W. CAMPBELL
MR. NEIL A. DIVVER
MRS. MARY D. DIKE
DR. WILLIS M. TOWNSEND

Chairman
REV. PAUL STERLING

Secretary
MRS. MARY C. BARTON

Treasurer
MR. FRANK W. CAMPBELL

Librarian
ELSIE M. HATCH

Assistants
MARJORIE E. JACOT
MURIEL A. DAVIS
HATTIE D. HALL

Pages
LOIS TABER
WINIFRED DAVIS
MARJORIE KNAPP
VIRGINIA SELLERS

In Charge of Highlands Branch
MARY E. AYERS

In Charge of Wyoming Branch
LOUISE G. CRITCHETT

In Charge of East Side Branch
MRS. WALTER LEWIS

In Charge of Ward 7 Branch
ELIZABETH BATES

Janitor
WILLIAM G. REED

To His Honor, the Mayor and the Honorable Board of Aldermen.

Gentlemen:

The Trustees of the Public Library hereby respectfully submit the report of the Librarian, with the statistics of the work during the year.

Respectfully,

For the Trustees,
PAUL STERLING, *Chairman*

To the Trustees of the Public Library:

Gentlemen:

The report of the Public Library for the year 1929 is herewith submitted.

"The Public Library is the University of the people" is a familiar expression in library circles. James Russell Lowell expressed the same thought when he said, "A college education is an excellent thing, but, after all, the better part of every man's education is that which he gives himself, and it is for this that a good Library should furnish the opportunity and the means." The preparation and diffusion of material for the promotion of culture among the people is perhaps, one of the most significant social tasks in a community. Your Library is coming in direct contact with 14,560 registered borrowers. A large majority of these are people past school and college age who are following lines of study for their own growth and betterment. The number of special requests for such readers has never been as large as during the past year. Unlike school and college students, these readers are voluntary seekers after knowledge and culture, and have a unique claim on the Library. While recognizing the great importance of the work done by the Library for school and college students, the Public Library has been in danger of emphasizing this particular part of its work at the expense of the equally important rights of the older people.

The growing interest in the Art Department is very gratifying. Aside from the classes which meet irregularly for the study of art, there is an increasing interest of the average reader in the fine arts. There have been about a hundred new pictures added to the Art Room collection. Two art exhibits, one by the Melrose Art League, and one by Mr. G. F. Wing, were of much interest and were visited by many of our people. The exhibit by Mr. Wing of his own paintings was one of the most interesting and best attended exhibits ever held in the Library.

The amount of reference work has greatly increased and is more difficult to handle every year because of the congestion in the Reading Room and at the Loan Desk, especially evenings and directly after school closes in the afternoon. Much credit is due the young ladies at the Loan Desk for their efficient work in this department.

The routine work in the Children's Department has gone on much

as in past years. As usual, during Book Week the Library emphasized the best, both old and new, in children's books, and also books for older people, including books suggested as appropriate for Christmas giving. In addition to the story-hour every Saturday, there was a special story-hour every day during the week for the children.

The Recreation Room in the basement of the building continues to be an important part of the Library's care for children. The children are under efficient supervision, their games and recreation are of an educational nature, and they unconsciously absorb much that will be of lasting value to them. During the year 483 different children were in the room with a total attendance of 4,768. The room is open seven months of the year.

The Library is steadily working toward a closer co-operation with the schools. The number of grade schools having deposits of books is larger this year than ever before and the reference work connected with the High School pupils is an important feature of the Library's work.

The Branches have carried on much as usual. Because of the work being done on the Lincoln School, the Branch Library in that building was closed early in December. We are looking forward to the new room which is being provided for us in the enlarged building and anticipate a considerable growth and enlarged service to the people in the Wyoming section when we are able to go into the new and better room.

There have been some much needed improvements in the Highlands Branch. A partition was removed throwing two rooms into one and making a large pleasant room with better light and ventilation than was possible before. A good floor covering has been laid, new lighting installed, and three new tables and several chairs added. The room is now pleasant and attractive and with the addition of some new book shelves in the children's corner should serve the Highlands well for some time.

It is not possible for the Branch at Ward 7 to do more than it is doing in the space which it has. When that school building is enlarged, if the Library could have a room for the Branch we could give the people in the Southeast section a much better Library service.

There is little change in the East Side Branch. The record is about the same as for the year 1928.

The outstanding need of the Library is more room. There is hardly a place in the Library that is not overcrowded and as a result more or less disorderly. The books can not be properly shelved making it difficult to find the books when needed. No more can be moved from the stacks either upstairs or down because these places are all filled. The room at the Loan Desk is very insufficient, making it difficult to do the work and impossible to keep order. The older people are being more and more crowded out of the Reading Room by the younger people. There should, of course, be a place for both.

The Librarian acknowledges the courtesy of the Melrose Free Press and the Home Sector for printing various notices and book lists.

The Staff has done splendid work throughout the year. Their loyalty and enthusiasm and the co-operation of you, the Trustees, make the steady progress of the Library possible.

Respectfully submitted,

ELSIE M. HATCH, *Librarian*

STATISTICS

The circulation for the year follows:

Main Library	81,379
Highlands Branch	25,655
Wyoming Branch	10,287
East Side Branch	12,655
Ward 7 Branch	4,919
School Deposits	10,658
Sanitarium	11,520
Girl Scout Camp	430
Duplicate Library	1,067
Total	158,570

AMERICAN LIBRARY ASSOCIATION FORM OF STATISTICS

For the Year Ending December 31, 1929

Name of Library.....Melrose Public Library
City and State.....Melrose, Massachusetts
Name of Librarian.....Elsie M. Hatch
Population served (estimated).....23,440
Assessed valuation of city.....$35,039,975.00
Terms of use—Free to residents of Melrose, teachers in public schools, and by special permission to persons employed on, or guests in the city.
Number of agencies:
Central Library
Branches..... 4
Other deposits—School rooms, Fire Stations, Sanitarium, Camp.
Number of days open during year, Central Library..... 328
Hours open each week for reading, Central Library
69 (9 months) 66 (3 months)
Hours open each week for lending, Central Library
69 (9 months) 66 (3 months)

Number of volumes at beginning of year	40,485
Number of volumes added by purchase	2,047
Number of volumes added by gift	93
Number of volumes added by binding	12
Total number of volumes at end of year	42,637
Number of volumes lent for home use	158,570
Number of borrowers registered	14,560

Report of City Collector

To the Honorable, The Mayor and Board of Aldermen,
Melrose, Mass.

Gentlemen:

Submitted herewith is the annual report for 1929 of the Collecting Department.

Respectfully yours,
WILLIAM A. CARRIE,
City Collector

COLLECTOR'S YEARLY REPORT, 1929

	Receipts	
Tax: 1925	$314.34	
1926	7,757.79	
1927	45,217.63	
1928	285,377.22	
1929	800,320.35	1,138,987.33
Sewer	8,743.78	
Sewer Interest	2,875.21	11,618.99
Sidewalk	10,994.87	
Sidewalk Interest	2,355.85	13,350.72
Betterment	6,744.98	
Betterment Interest	1,166.75	7,911.73
Collector's Receipts		398.87
General Interest: 1925	89.69	
1926	1,361.92	
1927	5,018.10	
1928	10,515.42	
1929	788.25	17,773.38
Water: 1923	6.70	
1924	1.58	
1925	34.10	
1926	153.46	
1927	547.33	
1928	18,102.96	
1929	53,217.85	
1930	9.00	
Summons	123.10	72,196.08

Takings Redeemed:. Tax	1,860.69	
Interest	820.44	
Sidewalk	60.77	
Costs	8.22	2,750.12
Sale of unredeemed Land at Auction		1,017.42
Health Nuisance Tax		119.97
Voluntary Contribution		17.53
		$1,266,142.14

Expenditures

Salaries and Wages—Appropriation	$4,900.00	
Transfer from Overlay Surplus	50.00	
Transfer from Motor Vehicle Excise	185.00	
Transfer from Account Land Court Proceedings	90.00	5,225.00
Expended	5,222.91	
To Excess and Deficiency	2.09	5,225.00
Other Expenses—Appropriation	1,300.00	
Supplimentary appropriation	250.00	
Transfer from Acct. Land Proc	360.00	1,910.00
Expended	1,715.91	
To Excess and Deficiency	194.09	1,910.00

Report of Fire Department

To His Honor and Mayor and the Honorable Board of Aldermen.

Dear Sirs:—

I respectfully submit the following Annual Report of the Melrose Fire Department for the year 1929.

Organization

The department consists of four companies and are as follows: Engine Co. No. 1, Engine Co. No. 2, Engine Co. No. 3, Hook and Ladder Co. No. 1.

Personnel

The permanent force consists of one Chief Engineer, three Captains, two Lietutenants, Master Mechanic and 24 Privates.

The Call force consists of one Deputy Chief, one Lieutenant and 10 Privates.

The department has been very fortunate this last year as only minor accidents have occurred.

Equipment

One Chief's auto, three auto pumping engines with equipment, one hook and ladder truck with equipment, two combination hose and chemical autos with equipment, one horse-drawn pung, 18 Chemical extinguishers and other applicances for fire and life saving work.

Hose

Number of feet of good 2½ inch hose ..... 9050 feet
Number of feet of good 3 inch hose ..... 300 feet
Number of feet of poor 2½ inch hose ..... 150 feet
Number of feet of chemical 1 inch hose ..... 1250 feet

I shall ask for the purchase of 1000 feet of new hose in 1930. All hose has been tested to 200 pounds pump pressure.

Fires

Total number of bell alarms	128
Total number of still alarms	225
Total number of alarms	353
Engine Co. No. 2 to Wakefield	6
Engine Co. No. 2 to Saugus	1
Engine Co. No. 2 to Stoneham	1
Engine Co. No. 1 to Malden	2
Engine Co. No. 1 to Wakefield	1
False alarms	11

Inspections

Number of buildings inspected	3,384
Number of hydrants inspected	1,935

Insurance of Buildings

Number of buildings damaged	26
Valuation of buildings	$113,950.00
Loss on buildings	12,856.74
Insurance on buildings	158,550.00
Insurance paid on buildings	12,606.74
Value of contents	22,925.00
Loss on contents	3,057.42
Insurance on contents	16,300.00
Insurance paid on contents	2,997.42
Total loss buildings and contents	15,904.16

Department Work

Ammonia leakage	2
Rescue cats	8
Auto accidents	2
Rescue horses	2
Roofs covered	4
To open doors	3
To unlock windows	1
To take dog from water	1

Hose and Ladders used

Number of feet of hose laid	18,350 feet
Number of feet of ladders raised	2,037 feet
Number of covers used	5
Number of gallons of chemical used	728 galls.
Number of gallons of Foamite used	15 galls.
Number of pounds of Foamite powder used	450 lbs.
Pyrene used	9 qts.
Total mileage	1242.2
Total hours of service	353 hours, 45 min.
Total hours of pump operation	24 hours, 37 min.

Value of personal property	$72,967.94

I feel very much pleased that the school department has done some work on the High School this past year to remedy the fire hazard that exists there.

I am recommending that a new ladder truck be purchased so that we can equip the new station at Melrose Highlands with one and also have one in case of accident or out of commission as it is impossible to borrow one from a neighboring town in case of trouble.

I am asking that two more Permanent men be appointed and added to this department this year.

I am calling your attention to the fire alarm system which was installed in 1896, 34 years ago and which is not adequate enough to carry all that it is required to do. We should have a new system. I am emphsizing this fact as it would give us points added to our credit in applying for lower insurance rates, which is very essential to our community.

The City government this last year purchased a new 750 gallon pumping engine and a new Chief's car for our work and added six new members to our force.

This last year has been a most successful year from a standpoint of fire losses as you can see by the report. I cannot find a record for years back that compares with it, and all I can say is that the people of our city have cooperated with the fire department in trying to reduce our losess by being careful and keeping their rubbish cleaned up. Let us hope that they will continue to do so, that we can say that Melrose is the cleanest city in the Commonwealth of Massachusetts as our fire losses will show.

In conclusion, I wish to thank the Mayor, the Honorable Board of Aldermen, all city officials and departments, the public in general and the members of the fire department for their cooperation in the work of keeping the fire losses at a minimum. This year being the smallest known for many years.

Very truly yours,

FRANK C. NEWMAN,
Chief of Fire Department

Report of Inspector of Buildings

Hon. Albert M. Tibbetts, Mayor of Melrose
and The Honorable Board of Aldermen,

Gentlemen:

The following is the report of my Department for the year 1929.

Classification	No.	Cost
Single Dwellings	108	$770,900.00
Two-Family Dwellings	1	8,000.00
Garages (private)	206	81,220.00
Garages (public)	1	8,000.00
Stores	4	25,000.00
Postoffice	1	5,000.00
Schoolhouse	1	171,576.00
Chapel	1	2,000.00
Other Buildings	4	2,175.00
Alterations to Dwellings	58	126,300.00
Other Alterations	19	16,995.00
Total	404	$1,217,166.00

Collection for Permits	$926.50
Collection for Garage Licenses	372.00
	$1,298.50

ANGUS MacDONALD,
Inspector of Buildings

Report of the Law Department

I herewith submit my report as City Solicitor for the year 1929.

At the beginning of the year six cases were pending against the City as follows:

Frank W. Prescott	vs. Melrose
Isabelle Prescott	vs. Melrose
Barnes.	vs. Melrose
Pond	vs. Melrose
Gow Company	vs. Melrose
Carroll	vs. Melrose

No action has been taken on the first five, and the case of Carroll against Melrose has been settled for $325, there appearing to be a fairly clear case of liability against the City in that case, and one that appeared to be dangerous to try before a jury.

Four cases were pending in the Land Court for foreclosure of tax titles, all of which have been prosecuted to successful end during the year.

The case of Melrose vs. George F. Shields for violating the Zoning Ordinance is still pending, and I expect that the case will be in order for trial soon.

Quite a number of claims have been presented against the City for damages on account of alleged defects in highways, but suit has been brought on only one. The case of Catherine Ross vs. Melrose was entered in the Superior Court for the County of Essex on the first Monday of November and is still pending. This is an action for damages alleged to have been caused by a defect in the sidewalk on Main Street, the plaintiff alleging that she stepped into a hole in the sidewalk which caused her serious damage. Whether or not the plaintiff can maintain this action is at least open to doubt, and it has not as yet seemed to me to be wise to attempt to make any settlement of it.

In October, a Bill in Equity was brought by Charles E. Baldwin, and sixteen other citizens against the City of Melrose, the Mayor of Melrose and three contractors, in reference to the contracts for addition to Lincoln School. Several incidental hearings were held in court and a large number of conferences were held with attorney for petitioners and attorneys for the contractors, with the result that the case was discontinued a little more than a month after it was brought.

I have rendered a large number of opinions on various questions submitted to me by the Mayor and other city officials and also as usual drawn a large number of orders for the Board of Aldermen, and other legal documents. Have also attended a number of hearings before Legislative Committees where the City's interest seemed to be affected.

Respectfully submitted,

OSCAR STORER,

City Solicitor

Report of the License Commission

To His Honor the Mayor and the Honorable Board of Aldermen.

Gentlemen:

The License Commission respectfully submit their Annual Report for the year ending December 31, 1929.

One hundred and ninety six (196) permits to erect and maintain garages including licenses to install tanks at a total income to the City of $505.

123 permits for one car garages
73 permits for two car garages
1 permit for fifteen car garage
1 permit for five car garage
2 permits for three car garages
16 permits for tanks

Hearings in accordance with the City Ordinance were held on all one and two car permits by License Commission and on tanks and garages for three or more cars by the Board of Aldermen.

Fees for the renewal on garages and gasoline tanks were collected to the amount of $13.00. The ordinance as now ordained does not permit the collecting of a fee for a renewal of permits for a one or two car garage, if occupied for private use only. A request for an increase in fees for gasoline stations and large garages has been presented to Board of Aldermen, and it is hoped that some favorable action will be taken, as a fee of $.50 for a renewal of permit to keep, store and sell gasoline where the number of gallons stored ranges from 500 to 6000 gallons does not in the opinion of the License Commission seem to be sufficient for the privilege granted.

All locations for garage permits were viewed and passed on by the Inspector of Buildings and Chief of the Fire Department, and before occupancy was allowed, approval was given in writing by the Chief of the Fire Department in accordance with the provision of Chapter 148 of the General Laws relative to Fire Protection.

Respectfully submitted,
FRANK C. NEWMAN, *Chairman*
ANGUS MacDONALD, *Inspector of Buildings*
VICTOR C. KIRMES, *City Clerk*
Melrose License Commission

Report of Board of Public Welfare

To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

The Board of Overseers of Public Welfare herewith submits its Annual Report for the year ending December 31, 1929.

PARTIAL SUPPORT

Individuals Aided	268
Adults	116
Children	152
Having settlement in Melrose	194
Having settlement elsewhere in State	11
Having no known settlement	63
Families Aided	51
Having settlement in Melrose	39
Having settlement elsewhere in State	2
Having no known settlement	10

FULL SUPPORT

Supported in private families	3
Children boarded by the State	8
Children boarded in other cities	4
Supported at Malden City Infirmary	4
Supported at State Infirmary	4
Cases discharged	10
Deaths	2

APPROPRIATIONS

General Administration	$1,650.00
Outside Relief by City	7,500.00
Relief by Other Cities and Towns	7,000.00
Mothers' Aid	4,500.00
Maintenance in Hospital	1,200.00
Other Expenses	200.00

GENERAL ADMINISTRATION

Appropriation		$1,650.00
Expended:		
Salaries of the Board	$1,600.00	
Clerical Services	46.00	
Balance	4.00	
	$1,650.00	$1,650.00

OUTSIDE RELIEF BY CITY

Appropriation		$5,000.00
Additional Appropriation		2,500.00
Expended	$7,031.30	
Balance	468.70	
	$7,500.00	$7,500.00

RELIEF BY OTHER CITIES AND TOWNS

Appropriation		$7,000.00
Transfer from Mothers' Aid		1,000.00
Reimbursement from Board of Health		90.00
Expended	$7,422.25	
Balance	667.75	
	$8,090.00	$8,090.00

MOTHERS' AID

Appropriation	$4,500.00	
Less Transfer to Relief by Other Cities and Towns	1,000.00	3,500.00
Expended	2,729.66	
Balance	770.34	
	$3,500.00	$3,500.00

MAINTENANCE IN HOSPITAL

Appropriation		$1,200.00
Expended	$1,199.49	
Balance	.51	
	$1,200.00	$1,200.00

OTHER EXPENSES

Appropriation		$200.00
Expended	$155.10	
Balance	44.90	
	$200.00	$200.00

RECEIPTS

Reimbursements from Individuals	$100.00
Reimbursements from the Commonwealth	1,729.46
Reimbursements from Other Cities and Towns	766.26
	$2,595.72

ELEANOR BROWN TOOTHAKER FUND

Balance from 1928		$1,368.34
Interest		55.61
Receipts		10.00
Expended	$900.32	
Balance to 1930	533.63	
	$1,433.95	$1,433.95

COMMUNITY CIVICS, MELROSE HIGH SCHOOL

Balance from 1928	$21.99
Interest on Liberty Bond	1.85
	$23.84

A. C. MARIE D. CURRIER FUND

Balance from 1928		$711.26
Received from Trustees		1,128.18
Expended	$1,163.74	
Balance to 1930	675.70	
	$1,839.44	$1,839.44

The clothing for the worthy poor given from the A. C. Marie D. Currier Fund consisted of the following:

185 pairs shoes	24 pairs gloves
7 pairs rubbers	1 pair pants
36 pairs hose	2 caps
2 blouses	2 sets underwear

At Christmas, 1929, 94 dinners were given to families.

GENERAL ADMINISTRATION

	Salary of Board	Salary of Clerk	
January	$150.00		$150.00
February	125.00		125.00
March	125.00		125.00
April	150.00		150.00
May	125.00		125.00
June	125.00		125.00
July	150.00	$30.00	180.00
August	125.00		125.00
September	125.00		125.00
October	150.00		150.00
November	125.00		125.00
December	125.00		125.00
Totals	$1,600.00	$30.00	$1,630.00

OUTSIDE RELIEF BY CITY

	Cash	Food	Fuel	Rent	Board	Medicine	Transportation	Total
January	$364.00	$97.36		$71.50	$62.00	$5.90		$600.76
February	460.50	159.87	151.75	21.50	76.00	6.10		875.72
March	384.50	177.04	103.20	146.50	62.00	1.75		874.99
April	368.00	110.01	14.55	50.00	60.00	2.90	10.00	615.46
May	418.50	119.27		80.00	62.00	1.74		681.51
June	308.00	78.47		80.00	60.00	2.50		528.97
July	341.50	70.94	11.95	83.00	62.00			569.39
*August	177.50							177.50
*September								
October	172.00	24.38		100.00	62.00	.85		359.23
November	359.50	180.03		78.00	60.00	1.75		679.28
December	547.00	188.89	181.75	50.00	90.00	10.85		1,068.49
	$3,901.00	$1,206.26	$463.20	$760.50	$656.00	$34.34	$10.00	$7,031.30

*Appropriation expended. Balance of month's expenses taken from Toothaker Fund, also entire month of September and part of October.

RELIEF BY OTHER CITIES AND TOWNS

	Board of Children	Board in Institutions	Board in Hospitals	Cash	Food	Fuel	Medicine	Boarded Elsewhere	Total
January			$366.00	$20.00			$5.00		$391.00
February									
March			20.00						20.00
April	577.89	180.00	21.00					68.00	846.89
May			102.50						102.50
June			20.00					51.00	7.10
July	945.00	104.15	25.00					20.00	1,094.15
August									
September									
October	525.68	407.00	33.00					102.00	1,067.68
November			3.00	624.00		24.50		61.00	712.50
December	787.68	377.00	144.10	138.00	167.00	8.00	3.75	1,491.00	3,116.53
	$2,836.25	$1,068.15	$734.60	$782.00	$167.00	$32.50	$8.75	$1,793.00	$7,422.25

MOTHERS' AID

	Cash	Medicine	Hospital	Other Cities	Total
January	$120.00				$120.00
February	120.00				120.00
March	150.00				150.00
April	137.00				137.00
May	235.00				235.00
June	188.00		$57.75		245.75
July	188.00	$6.50		$330.41	524.91
August	235.00				235.00
September	244.00				244.00
October	288.00				288.00
November	210.00				210.00
December	220.00				220.00
	$2,335.00	$6.50	$57.75	$330.41	$2,729.66

OTHER EXPENSES

	Telephone	Equipment	Transportation	Annual Reports	Total
January	$6.48	$8.00			$14.48
February	6.63				6.63
March	6.33	13.25			19.58
April	7.18	11.72			18.90
May	6.63				6.63
June	6.93	1.59	$5.00		13.52
July	6.53				6.53
August	6.58				6.58
September	6.53	2.25	4.00		12.78
October	6.43	6.25	6.00	9.75	28.43
November	6.78	3.25			10.03
December	6.83	4.18			11.01
	$79.86	$50.49	$15.00	$9.75	$155.10

MELROSE HOSPITAL

January	$19.50
February	00.00
March	20.90
April	158.25
May	223.79
June	0000.0
July	113.00
August	135.00
September	96.00
October	59.00
November	189.10
December	184.95
Total	$1,199.49

MOTHERS' AID

The excellent condition of the families of dependent children receiving aid under the provisions of the Mothers' Aid Law warrants the fairly liberal expenditure in that the future welfare of these children is assured.

Through adequate aid and careful oversight and direction these families get along very well. The health of the children in these families will compare most favorably with the average family, in fact we believe some of these families are really better off than before they were eligible for this aid, as they now have regular weekly incomes and can plan accordingly. The standard we seek to maintain is such that it rates about the same as the average working man with a family dependent upon him is able to maintain. We supply the great bulk of needs, but we do believe in fixing our allowance of a case to allow for a little leeway in order that the incentive to help oneself will not be destroyed.

OUTSIDE RELIEF BY CITY

The overseers of Public Welfare have duties to perform and responsibilities to assume, which though simple at times, are more often of a complicated nature and are always imperative. Some applicants, to be sure, may make reasonable requests, while others will insist on making demands out of reason, and regardless of justice, it is a problem difficult of solution, how to deal humanely and at the same time, wisely and economically with the poor.

The Overseers of Public Welfare, having in hand the responsibility of dispensing poor relief, are being constantly between two fires—a person abounding with sympathy for his attention has been called, complains of the executive officer if little or nothing is done in furnishing relief, and charges her perhaps with being incompetent; while on the other hand is

the citizen who has paid a tax levy and having little or no occasion for coming into personal contact with those who are actually in distress, charges the officer with being excessively liberal, and asserts that greater care and economy should be exercised in dispensing city funds. If our good citizens would generally take pains to make a thorough personal investigation of reported cases, or would confer with the Board of Public Welfare, a clearer perspective would result with regard to what ought to be done and what may have been done to relieve the destitution and suffering. Frequently cases are reported simultaneously, that are said to be utterly destitute, when as a matter of fact a thorough investigation proves that the family is being amply provided for by the poor department or from some other source. There are those among the poor who have an everyday tale of woe to tell to private individuals and who, having in mind the matter of getting all that can be had from every available source refrain from disclosing what is being done for them by the city.

The indiscriminate giving of relief without careful investigation and careful insight only adds to the evil which it seeks to cure and in time the beneficiary loses self-respect and self-reliance and becomes a confirmed dependent, a burden to himself and others.

It is the policy of the Board to do everything necessary for all persons in need of assistance so far as the funds permit.

We shall require a larger appropriation the coming year, as working conditions have not improved, and by an Act of the Legislature all mothers with dependent children are to receive aid until all children are sixteen years old, instead of fourteen years as in the past.

We would express our appreciation for the work and service rendered by the City Physician and the benevolent citizens of Melrose in co-operation with this Board. The Melrose Hospital has also rendered valuable service to our outside poor during the past year.

In presenting this report for 1929 we wish to express our appreciation for the courtesy of the Mayor and Board of Aldermen.

Respectfully submitted,

ADALINE G. REED, *Chairman*
THOMAS F. TROY
EUGENE L. PARK

Report of Park Commissioners

To His Honor, the Mayor and
the Honorable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

In compliance with the provisions of Section 9 of Chapter 45 of the General Laws of the Commonwealth of Massachusetts, I herewith submit the twentieth annual report of the Board of Park Commissioners for the City of Melrose, the same being for the year, 1929.

PARKS

Under the control and management of the Park Commisioners of of the City of Melrose, are the following named parks: Horace Mann, at Grove and Myrtle Streets; Ell Pond Park, Main, Crystal and the Boulevard; Sewall's Wood Park, off Sewall's Wood Road; Boylen Park, junction of Green and Howard Streets; Bowden Park, between Vinton and Cedar Park on West Emerson Street; Lincoln Park, (the old city stable lot); and the plot of land at the junction of Grove, Lynde and Lebanon Streets, which was turned over to the Park Commission this past year; the aforesaid Parks together with numerous small triangular plots in various parts of the city comprise the Park lands.

ELL POND PARK

This park, which consists of the shores of Ell Pond, (with the exception of the southerly shore) is as yet in a wild condition and needs the earnest study of the government of the city and the Park Commission. This plot of land and the pond can be made one of the most beautiful spots within miles of Boston, and we again urge that something of permanent nature should be started in the very near future. During the past year, with the co-operation of the Board of Health, through Dr. Holden, under mosquito suppression, a large area of this land both on the Boulevard side and also along the westerly side of the Bathhouse was filled in, and we hope that that part of the grounds can be grassed in during the coming year, and made to look presentable. On Tremont Street, from the Boulevard southerly for about 200 feet, we have cleared this area of brush and decayed trees and opened the same up, which has met with the general approval of those using the Boulevard and those living in the immediate neighborhood, this area will also be seeded for grass during the coming spring.

SEWALL'S WOOD PARK

This plot of land is a deed of gift, owing to the nature of the gift and other restrictions, a general improvement of this area cannot be carried on. It has been our purpose to try and keep the land in as presentable a condition as possible and clear of rubbish.

BOYLEN PARK

Boylen Park, dedicated to the memory of one of the first Melrose Boys to make the great sacrifice during the late World War, is kept for the purpose for which it was intended, a Memorial Park, general conditioning has gone on without imprivement.

BOWDEN PARK

This park is the real beauty spot of our park system and owing to this fact demands a great deal of attention of an expert gardener, especially during the spring and summer months. We feel that Bowden Park more than justifies the amount of money spent on its construction and its upkeep.

LINCOLN PARK

During the past year, this area was not improved as we had anticipated in 1928 it would be, owing to the question of the erection of the addition to the Lincoln School, and the question as to whether or not we would be compelled to use this area as a part of the Lincoln Playground. This question is still unanswered, and until it has been settled we will be unable to improve the same.

PLAYGROUNDS

Under the supervision, control and management of the Park Commission, are the following organized Playgrounds: Common, Sixth, E. Foster, Laurel and Larrabee Streets in the easterly side of the city; Messenger's, off Brunswick Place in the northwesterly end of the city; Lincoln, in the rear of the Lincoln School, and the Ripley, in the rear of the Ripley School in the southeast section of the city. Outside of the general conditioning of these grounds nothing of a constructive nature was undertaken during the past year, with the exception of the finishing of the tennis courts on the Common, with the erection of a fence around these courts, they will then be in good condition and ready to play on in the spring.

PLAYGROUND PERSONNEL

During the past year, the Park Commission decided upon a change in their program on the playgrounds, which called for the Superintendent

taking direct charge of the program and also the carrying out of the same, under the Superintendent, Mr. George W. Rogers; he had the following staff on the Playgrounds: Miss Milliken, in general charge of all girls work, with Mr. Rogers in general charge of all the boys work; Miss Sanford, at the Lincoln, Miss Glenn at the Ripley, Miss Bourne at Messenger's and Miss Allard at the Common; with Leighton Harvey in charge of the Boys' Airplane work in the Field House on the Boulevard, and Mr. Glenn Hoyt of the Portland Cement Manufacturers' Association in charge of a class of boys on cement construction work.

The following is a report of the Superintendent Mr. Rogers, of the various activities on the Playgrounds and the Bathhouse during the year 1929, rendered to the Park Commission:

Melrose Park Commission,
City of Melrose, Mass.

Gentlemen:

I am pleased to make the following report of the various activities conducted during the year 1929:

During the winter of 1928-29, I organized in Melrose, two hockey leagues; one composed of eight teams of boys living in Melrose and who had not reached their 22nd birthday; the other league was composed of three teams from Melrose and one each from the following cities and towns adjacent to Melrose—Wakefield, Arlington, Stoneham, Malden and Woburn.

There were 98 hockey games played on the Melrose Rink during the winter season, of which 18 games were played by the local High School Squad, and the balance or 80 games were played during the evenings by the above mentioned two leagues.

These games were all played between January 4th and February 13th, besides keeping the Rink open on every Saturday and Sunday for general skating by the public. This is the first season that the local High School Squad has not had to postpone any games, and have actually played more games than they had scheduled.

As an experiment, we had a Winter Carnival during the latter part of January and the first of February for which the local city government appropriated the sum of $100.00. I feel that from this experiment we should plan to have a Winter Carnival every year, but in order to have a successful one an appropriation much larger than $100.00 is necessary.

Our next effort was in connection with the celebration of the Fourth of July in Melrose, in which our department was practically in charge of of the entire program, outside of the raising of sufficient funds, which was in the hands of three members of the Board of Aldermen, Messrs. Bruce, Greenlaw and Bolton. I suggested at the first meeting something that I felt would be new to Melrose and also something of an educational nature for the children for the proper and safe celebration of the Fourth, and that was the Pageant.

The events in connection with the Pageant and also the entire cele-

bration are too fresh in the minds of every one at this time to repeat, I will therefore only give a brief outline of the results of the same.

There were by actual count 293 children in the cast; 32 women from various local organizations cooperated by the sewing of the costumes and acting as aids during the production. I feel that mention should be made of the very valuable assistance and help rendered by the following Melrose women: Miss Ethel Bittner, the director and coach; Miss Elizabeth Raynes, who had charge of the dances and the teaching of the children the various dances for over a month; Miss Bryan, who had charge of the making of the costumes. The above mentioned women worked entirely without compensation or reward, and I feel that efforts towards the successful production should be rewarded in some manner by the city. We have some 250 costumes which can be used in the future years for like productions by the children on the playgrounds.

During the spring of 1929, the Park Commission requested that I take over the work on the playgrounds, both the organizing and the actual running of the program, this I was very happy to do, and feel that we have had a very successful year on the playgrounds.

I started by sending out to the children through the schools, a questionnaire, asking the children to state what they would be interested in and desired on the playgrounds this summer, and from the answers received I inaugurated the following program:

Miss Milliken and myself would call on a different playground each day during the week, Monday at the Common, Tuesday at the Lincoln, Wednesday at the Messenger and on Thursday at the Ripley. On each of these days the program would call for the Music Amplifier to be played during the morning for singing games, dancing and the telling of stories. The afternoon would be spent by Miss Milliken on girls handcraft and by myself on boys handcraft, which consisted of making articles out of wood, such as door stops, birds, kites, and etc. During these days the regular playground instructor would be free to take the other children on hikes or to the Bathhouse for instruction in Swimming and also Life Saving. Miss Milliken spent approximately $9.50 and the children under her made approximately 1000 articles during the season. For the wood, saws, etc. on the boys handcraft it cost approximately $15.00, and the boys made nearly 700 articles.

Besides the activities mentioned above, I also had three baseball leagues in operation, the Cub league for boys under 12 years, with a team from each playground; the Junior League with a team also from each playground, and composed of boys under 16 years of age, and the senior (or twolight league) for working boys which played three evenings a week.

At the New Field House which we erected during the past spring, we also had two classes of boys in handcraft work, one was the class for boys making airplanes, and the other the boys making articles out of cement, this by the way is the first time that this line of work (or play) has been attempted on playgrounds anywhere. There were in the aeroplane class a total of 39 boys of all ages from 9 years to 17 years, this class

met three afternoons every week for two hours, the cement class had about 18 boys in it and had classes twoce a week. In the cement class the boys completed the following articles and at the cost stated:

2 park settes at a cost of $2.43
1 park bench at a cost of $1.05
1 bird bath at a cost of $1.26
18 flower urns at a cost of $0.73 each

The attendance at the various playgrounds during the past season were as follows:

Total attendance of all playgrounds	22,988
Total attendance of Messenger's	4,586
Total attendance of the Common	7,099
Total attendance of the Ripley	3,600
Total attendance of the Lincoln	7,703
Average daily attendance of all playground	375
Average daily attendance of Messenger's	75
Average daily attendance of Common	110
Average daily attendance of Lincoln	126
Average daily attendance of Ripley	64

During the entire season we issued a Playground Newspaper which was edited entirely by the children themselves, and which proved very popular with them. At the end of the season we had our usual track and field day, and on the evening before we had a Demonstration Day, this was proceeded by a Demonstration Week, which was held in a store of Mr. Rufus Smith on Main street, wherein each playground had a booth, for the showing to the people of the articles made on that playground during the summer.

This summer we made a change in the awarding of the Championship or Proficiency Pennant, under the new plan the making of articles such as handcraft, orchestra work and dramatics were given the same value as track and field events; the Pennant for Proficiency being won by the Messenger's Playground, with a total of 37 points; the Common second with 29 points, Lincoln third with 26 points and Ripley last with 8 points. The following table shows the method of awarding the points and the winners thereof:

PLAYGROUND PROFICIENCY

Value in Points	Events	Common	Lincoln	Ripley	Messenger
Baseball:					
5	Cub championship	0	0	0	5
5	Junior championship	0	5	0	0
5-3-1	Model Aircraft and kites	5	0	1	3
5-3-1	Cement Construction	5	1	0	3

Value in Points	Events	Common	Lincoln	Ripley	Messenger
Handcraft:					
5-3-1	Boys	5	1	3	0
5-3-1	Girls	5	2	2	0
5-3-1	Orchestra	5	1	0	3
5-3-1	Dramatics	0	5	1	3
5-3-1	Track and Field events	1	3	0	5
5-3-1	Paddle Tennis	1	3	0	5
5-3-1	Quoits	1	3	0	5
5-3-1	Checkers	1	2	1	5
	Totals	29	26	8	37

BATHHOUSE AND BEACH

During the past summer of 1929, the following persons were employed at the Bathhouse: Police Officer M. James Hanley, Life Guard Mr. Loosli, a Harvard student; Mr. James Keating and George Bissell as assistants, with Frank Marcoux and Wm. Webber as attendants in the boys Bathhouse and Miss Ruth Brady and Mrs. Blanche Nickerson attendants on the girls side of the Bathhouse.

I feel that at this time I should make the story of the missing of two weeks' receipts of the Bathhouse plain to every one, so that the report of the State Auditors shall not be misunderstood and to clear up any misunderstanding that might be in the minds of the people of Melrose.

It has been the policy since I have taken over the Park work to collect the receipts from the bathhouse about every two weeks; during this time the receipts are in the care of the two attendants on the boys side of the bathhouse, and who have had a special locker for the keeping of these receipts.

On September 3rd, the state auditors asked me to get the receipts of the bathhouse up to date, so that they might check the accounts of the Park Department, I went to the bathhouse on this date for the receipts, and there were receipts for only two days, the following day I had everyone connected with the Bathhouse in my office to see if we may be able to run down the shortage, this proved unsuccessful, and the following day I notified the chairman of the Park Commission that the receipts were missing.

On Saturday, September 7th, or four days after I knew of the shortage, I personally turned this matter over to the Police Department for investigation, and I am informed that they have been unable to locate these receipts of about thirteen days or about $50.00. It is needless to state that we have profited by this experience and intend to put into operation a system which we hope will be more satisfactory to everyone concerned.

Beginner's Swimming Classes

Eighty-one non-swimmers were enrolled in the Beginner's Swimming Classes which were held mornings in cooperation with the Playgrounds; forty-two girls and thirty-nine boys. Of these, twenty-two, or ten boys and twelve girls succeeded in passing the Red Cross Beginner's test which requires them to jump into water over their own depth, swim twenty-five feet, make a sharp turn and return the twenty-five feet. This percentage might have been greater under more favorable weather conditions, or if there were some way of inducing more regular attendance.

Advance Swimming Classes

Instruction for perfection of stroke was given to seven swimmers able to make the raft outside of those regularly enrolled in the Life Saving Classes. It was impossible to make arrangements for any organized class in advanced swimming owing to the lack of pupils in the early part of the season, and because of their diverse requirements in the line of instruction.

Diving

It was impossible for the same reasons to form a class in fancy diving. Whenever feasible, however, assistance was given to any interested in either fancy or elementary diving.

Life Saving

In this field we were most successful, passing thirty-six as compared with four of the previous year. Three classes a day were held in order to accommodate everyone. Seven girls and eleven boys passed the junior test for those under seventeen, and eight boys and ten girls passed the more vigorous senior test for those seventeen years and over. Dependable, chosen members of the Senior Corps should be encouraged and trained to assist the life guard both in watching the swimmers and in helping with the regular swimming instruction.

This program represents less in itself than as an example of what can be done in the future. This is the first year in which there have been any attempt as instruction except in life saving, and owing to the late start, and lack of proper advertising little was accomplished until well into the season. The work performed, however, is encouraging towards expansion next year, using qualified members of the Life Saving Corps to assist the Life Guards in the work.

In closing, I wish to express my sincere appreciation to the members of the Park Commission, and especially their capable chairman, Mr. Richard J. Lord, without whose encouragement and support, I could not have been as successful as I have been; to the members of the Playground and also the Bathhouse staff, I also wish to express my deep appreciation for their loyal support and willingness to cooperate for the common good of the Melrose Playground, and the advancement of the proper use of leisure time, both by the children and adults.

Sincerely yours,

GEORGE W. ROGERS,

Superintendent

HOCKEY RINK AND SKATING

The illuminated hockey rink on the boulevard has been for the past two years, kept open on Saturdays and Sundays for the use of thos people, both children and adults, who desire a safe place to skate. During these days the use of hockey sticks is prohibited, and we find that the interest among the order people or grown-ups, has been awakened, and feel that as time passes this will become even more popular.

RECOMMENDATIONS

We recommend that the filling of the Boulevard side of what is known as Ell Pond Park be continued as under the present arrangements between the Board of Health and the Park Commission, so that we may be able to look forward to the day when this will have some appearance of a beauty spot.

We recommend that a sewer be laid from Tremont Street easterly to a point about half way between the hockey rink and the brook, this sewer, will then be in such a position that we will be able to place a toilet building at this location, which will serve the Bathhouse, Hockey Rink and also the tennis courts being located on the westerly end of this land.

We recommend the taking by the city of the tri-angular tract of land, now owned by Mr. Chester S. Patten, which will be on the northerly side of the new boulevard, as a combination Playground and Neighborhood Park. The nearest playground to the people in this section is now the Messenger's Meadow or the Common.

AREAS OF PARKS AND PLAYGROUNDS

Lincoln Playground	1.60 acres
Horace Mann Park	.60 acres
Messenger's Meadow	2.89 acres
Melrose Common	4.40 acres
Sewall's Wood Park	9.00 acres
Ell Pond Park	30.41 acres
Grove, Lynde and Lebanon Streets plot	.07 acres

In Melrose, but not under the Melrose Park Commission

Pine Banks Park	81.8 acres
Middlesex Fells Parkway	170.00 acres
Area of Wyoming Cemetery	45.5 acres

Respectfully submitted,

RICHARD J. LORD, *Chairman*
NEIL S. CASEY
JOSEPH I. HEBBLETHWAITE
ROY L. BOSWORTH
EARL J. MacLEAN

Report of Pine Banks Park

1929			
Cash on hand January 1, 1929		$443.21	
Interest from Sept. 15, 1928-1929		17.90	
		$461.11	
Total cash on deposit in the First National Bank of Malden, as shown by pass book No. 15223, with interest to September 15, 1929			$461.11
Appropriations			
City of Malden		$3,000.00	
City of Melrose		3,000.00	
Total appropriations			6,000.00
			$6,461.11
Expenditures			
Pay Roll Malden	$2,234.60		
Melrose	1,626.00		
		$3,860.60	
Telephone		38.15	
Electric expenses		33.39	
Stable expense		150.00	
Hardware		208.97	
Insurance		184.38	
Food, Flowers, Grains, Seeds		426.16	
Lumber		32.26	
Repairs, Labor		100.10	
Water		11.98	
Sundries, Shoeing Horse, etc		24.76	
Gas, Oil, Coal		137.48	
Equipment—Ford Truck		785.00	
		$5,993.23	
Malden	$2,994.87		
Melrose	2,998.36		
	$5,993.23		
Unexpended Balance City of Malden		5.13	
Unexpended Balance City of Melrose		1.64	
		$6,000.00	$6,000.00
Cash on hand January 1, 1930			$461.11

TRUSTEES OF PINE BANKS PARK

Elbridge G. Davis, *Treasurer*

Report of Planning Board

The Melrose Planning Board has held ten meetings during the year 1929. A hearing was held on June 13, on the permit for a greenhouse to be erected on Linwood Avenue by Mr. Generoso Cefalo. The Board granted permission to build.

On February 6, Mr. Wolley was requested to hold the balance of the appropriation for 1928, for pending contracts on "The Collaborative Plan".

On April 11, the following resolution was passed on the resignation of Mrs. Caroline Blake: Resolved, that the Melrose Planning Board has learned with regret of the resignation of Mrs. Caroline Blake, who has for several years served as a valuable member and secretary, and has given unstintingly of her time and ability through her work on this Board to the City of Melrose, and that this Board hereby expresses its appreciation of the services thus rendered.

On April 11, the Board of Aldermen was asked to appropriate $100.00 to send a delegate to Buffalo and Niagara Falls to attend the twenty-first annual meeting of the National Conference on City Planning. The chairman, Mrs. Osgood, went to the conference and gained much information which proved to be of great value to the Board.

With regard to changing the use of a tract of land on Dell Avenue 120 feet in depth running to Upham street from Res. B to Bus. A, the Board approved the change, as the ordinance provides that no public garage or repair shops can be erected in Bus. A. districts.

On June 13, a vote was taken on whether the lot on Main Street next the Livermore School should be changed to apartment use. The Board voted in the negative, because the apartment house would be too near a school. The following reasons were given: (1) increased parking would be a danger; (2) the lot is too small; (3) Melrose has reached the saturation point in apartment houses; (4) auto traffic would be a menace to young children in the first four grades.

On Nov. 13, relative to the matter of changing the land on the northeast corner of Main and Sylvan streets from Residence A to BusinessA Zone, it was the opinion of the Board that it would be inadvisable to make the change. The suggestion was made that the petitioner apply to the Appeal Board for an additional non-conforming use, which might give relief from present conditions.

After extended research over a period of one and a half years, the Board made the following recommendations to the Mayor:

'Hon. Albert M. Tibbetts,'
Mayor of Melrose, Massachusetts.
Dear Sir:

For some considerable time the Planning Board has had under consideration the question of adequate drainage of the Spot Pond Brook

area, so called, in the Wyoming section of Melrose, to the end that land now being built upon may have adequate surface drainage, and that other land heretofor unfit for building purposes may be drained and assessed valuation increased.

In view of the recent action of the Board of Aldermen in appropriating money for the relief of the mosquito nuisance, which admittedly arises from standing and stagnant water, it seems opportune to call to your attention that, under existing laws of the state as recently amended, provision is made for the establishment of a Reclamation District on petition by any city in which land exists which requires drainage, and that authority is also provided to undertake such work within and without said district, as may be necessary to drain it and thus improve the land.

The studies of the Board have convinced its members that the only effective method of draining this area is by removing the old dam at the Cochran Print Works in Malden, which has long since ceased being used, and perhaps lowering the bed of the brook. This would also tend to reduce the mosquito nuisance by reducing very materially the amount of standing and stagnant water both in Melrose and in Malden.

We are further advised that upon request the Commonwealth will, without expenses to Melrose, send an expert to examine this drainage area, and submit advice as to how best to proceed with reclamation.

The Board believes that such advice and counsel should be sought and accordingly wishes to call the matter to your attention, in order that, should you approve, you may yourself take steps to procure this help, or, if you prefer, sanction such action being taken by the Board, after which the Board would submit to your Honor the result of such examination and the recommendations made by the state official to the end that action by the city may be duly considered.

Very respectfully,
ETHEL G. COLLINS,
Secretary

The recommendation was withheld until the mosquito work was completed. The state reclamation engineer, Col. Churchill, came out, made a study of the situation, and sent recommendations to the Mayors of Melrose and Malden and to the Selectmen of Stoneham. There the matter rests.

Throughout the entire year, the various committees of the Board have been at work constantly on the "Collaborative Plan", it being much more elaborate than was contemplated at the beginning. The "Plan" is now ready for the printer and will be published early in the year 1930.

EVA GUILD OSGOOD, *Chairman*

Report of Police Department

Albert M. Tibbetts, Mayor,
Melrose, Mass.

Dear Sir:

In accordance with Chapter 29 of the Revised Ordinances I respectfully submit the annual report of the Melrose Police Department for the year ending December 31, 1929.

POLICE SIGNAL SYSTEM

Number of duty calls reported	46,213
Number of telephone calls	4,055
Number of wagon calls	109
Number of ambulance calls	209

I again respectfully recommend that police boxes and red lights be installed at corner of Heywood Avenue and Damon Avenue, Country Club Road and Porter Street. Owing to the growth of the vicinities of the proposed boxes I believe them necessary to properly protect these districts.

SPOT LIGHTS

I recommend the installation of a spot light so located on Main Street to protect officers at Memorial Hall.

MOTOR VEHICLES

One G. M. C. combination and patrol wagon.
One Packard ambulance.
One Packard Sedan.
Four Harley Davison motorcycles. Two in good condition, two about worn out.

CONCLUSION

I respectfully recommend that a garage suitable to the need of the police department be erected on a site as near as possible to our station. The necessity of such a building is apparent to everyone.

Our present quarters only take care of ambulance and sedan. We are obliged to hire an outside garage for our patrol wagon. The space that we formerly used on the main floor of the fire station is now used for fire apparatus.

The inconvenience and time lost in answering calls for patrol wagon places a handicap on our efficiency. The continual driving in and out of motors during the night does disturb the fire department and the constant encroachment by this department of their quarters reduces the efficiency and causes irritation. I certainly hope that this request meets with your approval and the Board of Aldermen take some favorable action soon.

INSTRUCTION OF OFFICERS

Special attention has been given to the instruction of all Melrose police officers. Lectures were given by Captain George A. Parker, Registrar of Motor Vehicles; Lieut. Henry A. Harrison, Finger Print Expert; Dr. M. Saunders McLeod, on first aid to the injured; State Police Officer Edward Sherlock, on the preparation of evidence in major crimes. Arrangements were made so that all regular members were able to attend the Police School held in Cambridge under the supervision of District Attorney Robert A. Bushnell.

Revolver practice has been continued through the year. A marked improvement has been made by all the members as shown by the results of the annual department shoot.

I wish to thank you and the Board of Aldermen for the generous measure of co-operation given the policies and measures which I have advocated and for the spirit of helpfulness manifested toward my efforts during the year.

My thanks are due the Justices, Clerks and Probation Officers of the First District Court of Eastern Middlesex for advice and assistance rendered, also to many citizens for kind co-operation and valuable information.

To the officers, patrolmen and all others connected with the department, I desire to express my appreciation for their loyalty and excellent service rendered during the past year.

Respectfully submitted,

LOUIS B. HEATON,

Captain in Charge

Report of Registrars of Voters

To His Honor the Mayor,
and the Horonable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

The Board of Registrars respectfully submits its annual report of 1929.

No elections were held during the year consequently no new registration was added to the register.

The business of Board sessions during the year was confined to making up the annual jury list, copies of which were forwarded to the various courts, compiling a new alphabetical list of all voters of the city as required in a new act of the General Laws, and supervising the revision of the annual register. The result of this revision follows:

Total before revision:

Wards	1	2	3-1	3-2	4	5	6	7-1	7-2	Total
	1549	2097	876	872	1529	1530	1717	1342	308	11,833

Total after revision:

	1433	1998	828	831	1409	1407	1601	1255	287	11,049

The names of voters not included in the present annual register are largely those of people who have removed from the city, some who have died since the previous revision and others who, while still residing here, the Board is unable to identify from the return of the assistant assessors as furnished in the Assessors Poll Book.

This incomplete description often causes confusion and delay at busy sessions of registration and should be remedied. Citizens complain that their names have been removed from the list apparently for no valid reason. The General Laws require that the Registrars shall add no name to the new annual register until such name has been positively identified as that of a voter whose name was borne on the annual register of the previous year. Failure of the assistant assessors to report the age of many also, where voters have moved from a previous address, failure to report said previous address in the columns designated are usual causes in failure to identify.

We call attention to these matters that they may be corrected, thus avoiding delays during busy registration sessions.

The Board calls attention to the fact that several voting precincts are nearing the legal limit of 2000 voters and Ward 2 has passed it. The anticipated heavy registration and active campaign of this year will add materially to the voting list, therefore it seems advisable to make some provision for increasing the number of voting precincts in order that the voters may be better accommodated.

Respectfully submitted,

EDWIN L. CRAGIN, *Chairman*
JOHN J. KEATING
CHARLES E. HOLT
VICTOR C. KIRMES, *Clerk*
Board of Registrars of Voters

Report of Sealer of Weights and Measures

To His Honor the Mayor and the Board of Aldermen.

Gentlemen:

I have the honor to submit to you the annual report for the year 1929 of the Department of Weights and Measures.

Year Ending December 31, 1929

WEIGHING AND MEASURING DEVICES

	Adjusted	Sealed	Not Sealed
Platform over 5000 lbs		5	
Platform under 5000 lbs		33	
Counter scales		25	
Beam scales		57	
Spring scales	7	117	1
Computing scales		109	
Personal weighting scales		12	
Prescription scales		13	
Weights, avoirdupois		417	
apothecary		109	
Metric		61	
Troy		39	
Liquid measures		94	
Dry measures		4	
Gasolene pumps	10	71	1
Gasolene metres		4	
Yard sticks		37	
Cloth measuring machine		1	
	17	1208	2
Stops, Gasolene pumps		355	
	17	1563	2

Inspections:

Stores	52
Pedlers	28
Transient Venders	4
Pedlers' scales	18
	102

COST OF DEPARTMENT, 1929

Salaries and Wages

Appropriation		$1,000.00
Expended:		
Sealer's Salary		1,000.00

Other Expenses

Appropriation		$200.00
Expended:		
Plates and badges	$10.40	
Supplies	17.00	
Miscellaneous	3.90	
Convention expenses	18.70	
Transportation	150.00	200.00

Amounts collected, paid to City Treasurer

License fees	$120.00
Fees for badges and plates	12.00
Sealing fees	129.37
Total	$261.37

Respectfully submitted,

WESLEY H. MURRAY, *Sealer*

Report of Soldiers' Relief Department

To His Honor the Mayor, Albert M. Tibbetts,
and the Honorable Board of Aldermen,
Melrose, Massachusetts.

Gentlemen:

I most respectfully submit the following report for the State Aid, Military Aid, Soldiers' Burial and Soldiers' Relief Department for the year 1929.

STATE AID		
Appropriations		$1,000.00
Transferred from Military Aid		8.00
Expended	$1,007.00	
	$1,008.00	$1,008.00
MILITARY AID		
Appropriations		$300.00
Transferred to State Aid	$8.00	
Expended	105.00	
Balance	187.00	
	$300.00	$300.00
SOLDIERS' RELIEF		
Appropriations		$9,500.00
Expended:		
Cash	$6,905.00	
Fuel	1,159.05	
Groceries	761.72	
Milk	410.63	
Hospital	168.76	
Medical Attendance	31.00	
Shoes	26.90	
Medicine	18.03	
Rent	280.00	
Outside Cities	148.20	
	$9,909.29	
Credit from Outside Cities	412.87	
	$9,496.42	
Balance	3.58	
	$9,500.00	$9,500.00

Soldiers' Burial:

No appropriation—No expenditures

GENERAL ADMINISTRATION

Appropriation		$900.00
Salary	$900.00	
	$900.00	$900.00

OTHER EXPENSES

Appropriation		$100.00
Expended	$100.00	
	$100.00	$100.00

Respectfully submitted,

MARY A. KENAH, *Agent*

Note:—

The sum of $148.20 expended for outside cities was for Melrose settlements.

The sum of $412.87 credited was for outside cities settlements.

Report of Wire Department

To the Honorable Mayor and Board of Aldermen,
Melrose, Mass.

Gentlemen:

I respectfully submit the report of the Wire Department for the year ending December 31, 1929.

FIRE ALARM SYSTEM

Eleven hundred and four inspections of box movements was made making the necessary adjustments.

Three new boxes were installed.

All boxes was painted one coat of Fire Alarm Red.

Two hundred and twenty cross arms was replaced.

Sixteen miles of weatherproof wire has been pulled in to replace old.

POLICE SIGNAL

Eight hundred and six inspections of box movements was made replacing twenty-one finger springs and thirty-four phone batteries.

Three new boxes was installed.

Nine miles of weatherproof wire was pulled in to replace old.

One hundred and twenty-one cross arms was replaced.

INSPECTION OF WIRES

Sixteen hundred and four requests for inspections was received, the total number of inspections made was twenty-nine hundred ten.

One thousand and six permits was issued to the Malden Electric Co. allowing current turned on.

RECOMMENDATION

I recommend that new equipment be purchased for Fire Alarm Headquarters and install the same in a fire proof building, also that four new boxes be added to the Fire and Police System this coming year.

Respectfully submitted,

FRED A. EDWARDS
Inspector of Wires

Report of Fence Viewers

To His Honor, Mayor Albert M. Tibbetts,
and the Honorable Board of Aldermen,
Melrose, Massachusetts.

Gentlemen:

I most respectfully submit the following report for the Board of Fence Viewers for the City of Melrose for the year 1930.

Appropriation		$25.00
Expended—nothing		
Balance	$25.00	
	$25.00	$25.00

Yours very respectfully,

DANIEL J. LUCEY,
Chairman of Board of Fence Viewers

Report of Sinking Fund Commission

To His Honor the Mayor, and Board of Aldermen.

Gentlemen:

We submit herewith our report of the Sinking Fund Commission for the financial year ending December 31, 1929.

Yours respectfully,

EDWARD J. KITCHING
FRANKLIN P. SHUMWAY
HENRY N. ANDREWS
Commissioners of the Sinking Fund

S. HOMER BUTTRICK, *Treasurer*

FUND ACCOUNTS

SCHOOL LOAN SINKING FUND

Balance January 1, 1929	$94,610.29	
City of Melrose		$78,000.00
Transfer to Sewer Fund		16,610.29
	$94,610.29	$94,610.29

SEWER LOAN SINKING FUND

Balance January 1, 1929	$35,355.03	
Transfer from School Fund	16,610.29	
Costs in excess of earnings		$226.50
Balance December 31, 1929		51,738.82
	$51,965.32	$51,965.32

SECURITIES HELD IN THE SINKING FUND

December 31, 1929

$5,000.00	City of Melrose Sewer Bonds	No. 381–385	4%	June 1, 1938
10,000.00	" " " " "	391–400	3½%	June 1, 1939
9,000.00	" " " " "	401–409	4%	Apr. 1, 1940
4,000.00	" " " " "	412–415	4%	May 1, 1941
5,000.00	" " " " "	416–420	4%	Nov. 1, 1941
10,000.00	" " " " "	421–430	4%	July 1, 1942
2,000.00	" " " " "	388–389	4%	June 1, 1938
500.00	Boston Elevated R. R. Co.		4%	May 1, 1935
1,000.00	City of Los Angeles		4½%	June 1, 1932
1,000.00	" " " "		4½%	June 1, 1942
$47,500.00				

CONSOLIDATED SINKING FUND

	Cash	Securities	Total
On hand January 1, 1929.....	$67,465.32	$62,500.00	$129,965.32
On hand December 31, 1929..	4,238.82	47,500.00	51,738.82

Receipts

Securities matured or sold:		
City of Clinton, bonds, July 1, 1930.....	$10,000.00	
Boston & Maine R. R., April 1, 1929.....	10,000.00	
Boston & Albany R. R., May 1, 1933.....	8,000.00	
City of Akron, Ohio, Sept. 1, 1937.....	5,000.00	
C. B. & Q. R. R., July 1, 1949.....	3,000.00	
Boston Elevated R. R., Oct. 1, 1937.....	2,000.00	
Boston Elevated R. R., Nov. 1, 1941.....	15,000.00	
Portland Terminal, July 1, 1961.....	5,000.00	
U. S. Gov. 4th. 4¼*S*, Oct. 15, 1938.....	2,000.00	
Interest on Investments.....	4,179.48	
Cash on hand January 1, 1929.....	67,465.32	
Total.....		$131,644.80

Payments

To the purchase of:		
City of Melrose Sewer Bonds.....	$45,000.00	
Premiums paid on bonds purchased.....	3,902.83	
Accrued interest paid on bonds purchased	495.65	
City of Melrose, retirement of School Bonds	78,000.00	
Melrose Savings Bank, Box Rent.....	7.50	
Cash on hand December 31, 1929.....	4,238.82	
Total.....		$131,644.80

Recapitulation

Cash.....	$4,238.82	
Securities.....	47,500.00	
		$51,738.82
Sinking Fund:		
Sewer.....		$51,738.82

Report of Public Works Department

ORGANIZATION—1929

Engineer and Superintendent

FRANK EMERSON

Division Assistants

Engineering Division:	CHARLES F. WOODWARD	In charge
	EDWIN H. KING	Transitman
	DONALD A. McBETH	Rodman
	KENNETH S. ULM	Rodman
Highway Division:	WALTER J. LORD	In charge
Sewers and Drains:	ALBERT J. WAGHORNE	In charge
Water Division:	JAMES McTIERNAN	In charge

Office Assistants

Chief Clerk:	M. Eileen Dunlay
Bookkeeper:	Enos R. Pye
Asst. Bookkeeper:	Janette K. Graham
Timekeeper:	Patrick G. DeCourcy

To the Honorable Mayor and Board of Aldermen.

Gentlemen:

The thirtieth annual report of the Public Works Department is herewith respectfully submitted.

This department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street cleaning, moth suppression, collection of ashes and garbage, street signs, house numbering, and all work connected with the sewer, surface drainage and water systems, all engineering work relating to above, care of City Hall, placing of insurance on city property, and construction of new public buildings.

Contracts have been let for the construction of granolithic sidewalks, for the furnishing of edgestones, sewer and water pipe, tar and sand, for

the collection of rubbish and for the addition to the Lincoln School on West Wyoming Avenue and the City Stable on Tremont Street.

Considerable additional work in the walling up and covering of the main brook has been accomplished this year, and it is the aim and purpose of the department to apportion a reasonable part of the yearly drainage appropriation to this very important work. This year the unsightly portion of Ell Pond Brook from Main Street to Grove Street has been covered; also at Upham Street, Ingalls Court and East Emerson Street such parts of the main brook have been covered as appeared advisable. Spot Pond Brook westerly from Whittier Street and also on the northerly side of Wyoming Avenue has been covered. In this way the expense of clearing the open brooks of constantly accumulating rubbish is being considerably reduced.

By far the most important work of this department for the year, and possibly for many years, has been the lowering and relocating of Bennett's Pond Brook and the laying of main line storm drains for the care of the entire area south of Howard Street, anticipating the present and future needs of a large area now being developed and built upon with the promise of becoming one of the most desirable residential parts of the city. Attention to the requirements of this drainage area at this time was forced on the department by the drainage needs incidental to the construction of the new part of the Lynn Fells Parkway now in processs by the Metropolitan District Commission.

The project now partly completed was carefully designed and reported on nearly twenty-five years ago, and called for the removal of the dam then in use at Bennett's Pond and the lowering of the grade of the brook to that extent. The dam was removed later and the grade of the outfall at this point thereby lowered six and one-half feet. By starting the work this year three hundred feet below the site of the old dam a further lowering of the brook has been affected and the total gain in ground water level is now over ten feet.

Work on the main drain (as shown in further detail in the table attached) includes:

440 feet open ditch
630 feet open ditch paved
1030 lin feet of 30 inch reinforced concrete pipe
1265 " " " 24 " " " "
256 " " " 18 " " " "
465 " " " 12 " akron pipe

with the new drain of twelve inch pipe in School Street tributary to the above.

During the year Dyer Avenue and parts of Pine Street, Hillcrest Avenue, Baxter Street and Beacon, Temple and Prescott Streets were constructed for acceptance, the latter being the most difficult piece of engineering on the street building program.

Work on Beacon, Temple and Prescott Streets was started in 1928, but the actual construction was done in 1929. This necessitated the

removal of about one thousand cubic yards of ledge and the lowering of about two hundred feet of water pipe. Gas pipes were lowered by the Malden & Melrose Gas Light Company under the direction of this Department. Four hundred and fifty feet of pipe was laid and necessary catch basins installed to take care of the drainage in this district. On account of the peculiar quality of the ground, a spongy soil with some quicksand, extreme care had to be taken in building the foundation of the street. Seven hundred and fifty feet of retaining walls, ranging from four to ten feet in height, had to be built to protect the finished job from any future damage which might be caused by settlement or shifting of this unstable ground. The building of these streets corrects a condition which has long been a cause of complaint, and general satisfaction is now expressed throughout the entire section.

Major repairs were made to Poplar Street, Mt. Vernon Avenue, Swains Pond Avenue, Pearl Street and Altamont Avenue.

The usual street cleaning and street oiling program has been carried out as has also the trimming and spraying of trees and the removal of thirty-one dead trees.

A new snow plough and tractor were purchased making the equipment now available for snow removal on the highways amount to four tractors with V shaped ploughs and three blade ploughs which may be attached to motor trucks.

WATER DIVISION

About 8100 feet of new mains were laid during the year including 629 feet of two inch iron pipe replacing one inch pipe abandoned.

One hundred sixty-two new services were laid and one hundred and one old iron services were renewed with lead or cement lined pipe.

Ten additional hydrants have been set and seven hydrants replaced.

Two hundred and eight meters have been installed and forty-seven removed.

The following repairs and changes have been made:

3 services in private premises cleaned.
31 joints in iron mains repaired.
61 service leaks in street repaired.
37 services in street cleaned.
84 services renewed in private premises.
101 services renewed in street.
4 services abandoned.

Total Pipe Laid in the City

Length in feet ¾ inch pipe	956
Length in feet 1 inch pipe	1,570
Length in feet 1½ inch pipe	1,458
Length in feet 2 inch pipe	7,629
Length in feet 4 inch pipe	52,861

Length in feet 6 inch pipe	193,368
Length in feet 8 inch pipe	26,925
Length in feet 10 inch pipe	23,898
Length in feet 12 inch pipe	23,097
Length in feet 14 inch pipe	3,024
Length in feet 16 inch pipe	5,223
Total	340,009
Length of cast iron pipe 294,690 feet or 55.81 miles.	
Length of cement pipe 45,319 feet or 8.58 miles.	
Number of services laid	5,668
Number of meters	5,650
Number of fire hydrants	451
Number of gates on mains	944
Number of watering troughs	2
Number of drinking fountains (bubblers)	10
Number of fire services	24

WATER ASSESSMENTS AND CONSUMPTION

The annual assessments paid by the City of Melrose as its proportional part of the cost and operation of the Metropolitan Water Works for the last five years are as follows:

1925	$25,157.89
1926	30,230.74
1927	33,535.57
1928	36,443.00
1929	39,111.42

The average daily per capita consumption (gallons) of water in Melrose as recorded by the Venturi meter, operated by the Metropolitan Water Works, is shown below for the years 1925-1929:

1925	1926	1927	1928	1929
62	67	64	67	69

WATER RELAY—1929

LOCATION	Cast Iron Pipe		Pipe Abandoned			Hydrants Changed
	Size Inches	Length Feet	Size Inches	Length Feet	Kind	
Forest St., Willard St., south	2	28	1	28	Iron	
Felton Place, Upham St., north	2	325	1	325	"	
Prescott St., Temple St., south 35 ft., 6 in. iron relaid	6	6	6	6	"	
Temple St., Prescott St., east, 158 ft. 6 in. iron relaid	6	24	6	24	"	
Willard St. at Forest St., 1 2-in. valve	2	276	1	276	"	
Brazil St.	4 in. Hydrants — leaky or broken — replaced with				6 in.	1
Cleveland St.	"	"	"	"	"	1
Damon Ave.	"	"	"	"	"	1
Swain's Pond Ave.	"	"	"	"	"	2
Sylvan St.	"	"	"	"	"	1
Winthrop St.	"	"	"	"	"	1
Totals		659		659		7

SUMMARY

Additional
629 ft. 2 in. Iron
30 ft. 6 in. "
659 total

Abandoned
629 ft. 1 in. iron
30 ft. 6 in. "
659 total

WATER CONSTRUCTION—1929

LOCATION	Cast Iron Pipe		Gates		Hydrants	
	Size Inches	Length Feet	Size Inches	No.	Size Inches	No.
Ardsmoor Rd., Sheffield St. to Upham St.	6	645	6	1		
Ardsmoor Rd., hydrant	6	12	6	2	6	2
Burrell St. at Harding Rd.	6	126	6	1		
Beacon St. at Temple St.	6	52				
Brazil St., hydrant			6	1		
Beacon St. at new street	6	278	6	1		
Country Club Rd., extension southerly	6	234	6	1		
Country Club Rd. at Marmion Rd.	6	217				
Country Club Rd., hydrant	6	6	6	1	6	1
Cochrane St., Howard St., north	6	216	6	1		
Cleveland Sr. at Sanford St.			6	1		
Cottage St., extension southerly	6	90				
Cliff St. at Beacon St.	6	11	6	1		
Damon Ave., Lovell Rd., northerly	6	121				
Damon Ave., hydrant	6	6	6	1	6	1
Damon Ave., hydrant			6	1		
Derby Rd., extension southerly	6	215	6	1		
Derby Rd., hydrant	6	6	6	1	6	1
Derby Rd. at Kingsley Ave.	6	110				
Foster St. East, Highview Ave. to Waverly Ave.	6	296	6	2		
Felicia Rd., Longfellow Rd. to Washington St.	6	345	6	2		
Glendale Ave., extension easterly	6	125				
Harding Rd. at Burrell St.	6	27	6	1		
Hillcrest Ave., Upham St. to Enmore Rd.	6	450	6	1		
Hillcrest Ave., hydrants	6	6	6	1	6	1
Hawes Ave., Bay State Rd. to Hawley Rd.	6	200				
Harding Rd. at Burrell St.	6	277				
Kingsley Ave., extension westerly	6	125	6	1		
Kingsley Ave. at Derby Rd.	6	37	6	1		
Keniston Rd. at Harding Rd.	6	106	6	1		
Lovell Rd., extension easterly	6	468	6	2		
Lovell Rd., hydrant	6	6	6	1	6	1
Larchmont Rd., Country Club Rd. to Porter St.	10	1085	10	3		
Larchmont Rd., hydrants	6	12	6	2	6	2
Mt. Zion Rd., Bay State Rd., northerly	6	160	6	1		
Marmion Rd., Country Club Rd. to Porter St.	6	1021	6	2		
Marmion Rd., hydrants	6	6	6	1	6	1
Rendall Place, Mystic Ave., easterly	6	174	6	1		
Sylvan St., hydrant	6	2	6	1		
Swain's Pond Ave., hydrant			6	1		
Temple St. at Beacon St.	6	13	6	1		
Thurston St., extension easterly	6	125				
Waverly Ave. at E. Foster St.	6	38				
Totals		7449		41		10

SUMMARY 6364 lin. ft. 6 in. C. I.
1085 " " 10 " CI.
7449 Total

HIGHWAY DIVISION

The streets and sidewalks of the City were ploughed six times.

All the streets of the city were cleaned by the street sweeper seven times, and the center of the city was swept ten times.

104,700 gallons of tar have been applied for surface treatment.

3,806 cu. yds. of sand have been used to cover surface tar application.

424 cu. yds of loam have been used in the construction of grass plots adjoining granolithic walks.

3,942 sq. yds. of sodding have been laid.

1,372 cu. yds. of stone have been used to resurface streets.

74 new trees have been set out and 31 dead trees removed.

60 new street signs have been placed.

38 sq. yds. of repairs to granolithic sidewalks and 7,432 sq. yds. of repairs to tar concrete sidewalks have been made.

23 new driveways have been installed.

940 cords of garbage have been collected.

STREETS BUILT AND RESURFACED—1929

STREET	LOCATION	Linear Feet	Sq. Yards
Baxter St.	Cutter St. to Prospect St.	865	2114
Dyer Ave.	Sears Ave. to Warwick Rd.	360	880
Hillcrest Ave.	Upham St. to Mooreland Rd.	600	1733
Pine St.	Wentworth Rd. to end	70	171
Temple, Prescott a	nd Beacon Sts.	1355	3312
	Totals Rebuilt	3250	8210
Day St.		310	517
Dell Ave.	at Foster St.	100	89
Mt. Vernon Ave.		230	562
Poplar St.	Pine St., northerly	100	244
Pearl St.	East End	300	733
Swain's Pond Ave.	Towner's Ice House to Penney Rd.	700	1556
	Totals Resurfaced	1740	3701

INDIVIDUAL WALKS — 1929

NAMES	STREETS	EDGESTONE—Feet		No. Blocks	GRANOLITHIC—Sq. Ft.		Sodding Sq. Yds.
		Straight	Curved		Walks	Drives	
B. D. Holt	26 Trenton St.				251.0	117.6	121.0
R. W. Mosher	35 Dyer Ave.				375.0	125.0	255
W. T. Moreton	143 Rowe St.	61.0		2	272.0	182.4	131
H. R. Peverly	145 Rowe St.	49.0		2	231.5	77.6	111
Hulsman	30-34 Vine St.	85.0		4	503.0	173.0	289
W. Gibbons	210 W. Wyoming Ave	40.5					
L. Goldfarb	15-19 Marvin Rd.	36.0		2	305.0	132.0	
G. Giovino	15 Hesseltine Ave.	31.0		2	173.5	76.6	118
H. Leathers	36 Sears Ave.				486.5		331
G. Baker	38 Dyer Ave.				400.00	156.6	272
D. Whitney	471-73 Main St.				302.00		
Fire Station	Melrose and Tremont Sts.	180.0	37.0	4	1455.0	613.8	
Murphy	15 Whittier St.	43.5		2			
T. Kervin	388 Grove St.	40.4		2			
Bryant	97 Green St.	95.0					
*H. O. Stickney	91 Green St.	65.0					
*C. P. Dickinson	36 Dell Ave.	40.00			200.0	99.0	230
	Totals	766.40	37.0	20	4954.50	1753.60	1858.0

*Work on Linden Rd.

CONTINUOUS WALKS—1929

STREET	FROM	TO	No. Blocks	EDGESTONE		GRANOLITHIC		Sodding Sq. Ft.
				Straight	Curved	Walks	Drives	
Batchelder St., west side	Porter St.	No. 12	4	148.0		847.0	190..0	540
Chester St., both sides	Florence St.	Adams St.	8	113.0		1,203.0	193.0	
Chestnut St., west side	Mt. Vernon St.	Wyoming Ave.	6	247.0	15.7	1,403.5	283.0	891
Crescent Ave., west side	Russell St.	No. 56 Crescent Ave.	8	440.0	15.8	2,622.0	346.0	1,225
Dell Ave., southwest corner	at Foster St.	No. 36	2	53.0	36.8	542.0	80.2	236
Fairview Ave., north side	No. 11	No. 19 incl.	5	138.0		686.0	258.0	256
Farwell Ave., east side	Haskell St.	No. 14 Farwell Ave.		149.0	17.0	806.0		493
First St., north side	Eleventh St.	Waverly Ave.	16	741.0	15.7	4,538.0	904.0	2,651
Florence St., both sides	Chester St.	Russell St.	14	643.0		4,545.0	882.0	2,598
Foster St. East, both sides	No. 352 to 57	No. 358 to 71				1,867.0	405.0	1,012
Grove St., corner Lynde St.	City lot					1,577.0		
Hesseltine Ave., both sides	Nos. 21-22	Nos. 70-79	28	1,092.0	71.4	6,196.0	1,514.0	4,000
Highview Ave., both sides	Upham St.	First St.				3,680.0	966.0	3,080
Howard St., south side	No. 119	No. 133 incl.	8	188.0		1,112.0	369.0	696
Laurel St., south side	No. 77	No. 81 incl.	4	90.0		545.0	191.0	250
Laurel St., north side	Highview Ave.	Westerly	14	344.0	15.7			
Lynde St., south side	Chestnut St.	No. 43 incl.	6	204		1,300.00	376.0	515
Malvern St., north side	No. 125 Lynde St.	No. 32 Malvern St.	1	44.5		2,901.0	178.0	660
Malvern St., north side	Meridian St.	50 ft. westerly				250.0		
Melbourne Ave., both sides	Wyoming Ave.	Glen St.				4,848.0	1,403.5	2,637
Meridian St., west side	Malvern St.	Northerly	4	122.0		881.0	176.4	331
Porter St., south side	Orriient Ave.	100 ft. westerly	2	98.0		436.0	70.4	
Sears Ave., both sides	Orris St.	Warwick Rd.				7,535.5	1,395.0	4,700
Tappan St. and Sanford St.	N. W.—N. E.	D. E. corners			44.7			
Upham St., south side	No. 243	Eleventh St.	10	55 .0		2,795.0	889.0	2871
Upham St., south side	Lebanon St.	No. 53	5	177.0				
Washington St., south side	Mountain Ave.	No. 386	2	135.0	15.7	786.0	190.0	480
Whittier St., south side	Sanford St.	Baxter St.	8	240.0	13.3	1,505.0	404.0	1,165
Dyer Ave., both sides	Sears Ave.	Warwick Rd.	10	505.0	89.0			
Baxter St., both sides	Prospect St.	Cutter St.	19	1,524.1	15.0			
Hillcrest Ave., both sides	Upham St.	Moorcland Rd.	12	834.0	80.0			
Pine St., both sides	Wentworth Rd.	To end	2	133.0				
Temple, Prescott and Beacon Sts.	Hancock St.	Echo St.	28	2,095.6	291.0			
		Totals	226	11,148.10	738.8	55,407.0	11,663.0	31,287

SEWER CONSTRUCTION—1929

STREET	LOCATION	Pipe		No. M.Hs.
		Size Inches	Length Feet	
Boardman Ave.	Damon Ave. to Cochrane St.	8	238	2
Cochrane At.	Howard St. to Damon St.	10	204	1
Cottage St.	Extension southerly	8	64	0
Derby Rd.	Sylvan St. Ext. to Ledgewood Ave.	12	234	1
Felicia Rd.	at Washington St.	8	30	1
Foster St., E.	Waverly Ave., westerly	8	225	2
Glen St.	Washington St., easterly	8	142	1
Howard St.	Ruggles St., westerly	8	140	0
Ledgewood Ave.	Derby Rd. to Main St.	12	374	2
Larchmont Rd.	Porter St. to Country Club Rd.	8	1063	4
Lovell Rd.	West and East of Trunk Sewer	8	713	3
Main St.	Ledgewood Ave., northerly	8	182	1
Main St.	Ledgewood Ave. to Sylvan St.	8	202	1
Mountain Ave.	Washington St., southerly	8	297	1
Norman Rd.	at southerly end	8	295	2
Porter St.	Extension easterly of Ardsmoor Rd.	8	293	1
Right of Way	Derby Rd. to Trunk Sewer	15	110	2
Rendall Court	Mystic Ave., easterly	8	118	2
Ruggles St.	Howard St., northerly	8	300	1
Washington St.	Felicia Rd. to Glen St.	8	179	1
	Totals		5403	29

SUMMARY

4481 ft. 8 in. pipe
204 ft. 10 in. pipe
608 ft. 12 in. pipe
110 ft. 15 in. pipe—5403 ft. and 29 Manholes.

Number of house connections made during 1929—156

SEWERAGE SYSTEM AS OF DECEMBER 31, 1929

Number of feet of 6 inch pipe	135,501
Number of feet of 8 inch pipe	80,533
Number of feet of 10 inch pipe	21,696
Number of feet of 12 inch pipe	12,916
Number of feet of 15 inch pipe	4,839
Number of feet of 18 inch pipe	5,930
Number of feet of 20 inch pipe	2,788
Number of feet of 24 inch pipe	1,213
Number of feet of 18 x 20 inch brick	3,035
Number of feet of 20 inch brick	111
Number of feet of 24 inch brick	28

Total number of feet in length of sewers 268,590 or 50.86 miles, 2.40 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by the Act of the Legislature, Melrose is permitted to use these in the same manner as local sewers.

STREET AND LOCATION	Pipe Size Inches	Pipe Length Feet	No Manholes	No. Catch Basins
Bennett's Pond Brook Drain				
Re-location in part and deepening				
Open ditch 440 lin. ft.				
Open ditch paved 630 lin. ft.				
New State Boulevard..				
New Culvert westerly to Nelson Rd	30	1030	4	0
Nelson Rd. via private land to Marmion Rd	24	1265	4	0
Marmion Rd. Ext. southerly to Porter St	18	256	1	0
Lateral Connections at Nelson Rd	12	165	0	0
at Burrell St	12	300	0	0
at Burrell St	10	60	0	0
Brook, Trenton St. to Lynde Ave	30	460	2	0
Brook, Lynde Ave., northerly	12	90	0	0
Dix Pons				1
Hesseltine Ave. at Brook				2
Tremont St. Brook Boulevard, southerly	36	220	1	0
School St., Porter St. to Sawyer Rd	12	576	3	4
Total lin. ft.		4422		
MAIN BROOKS—WALLS AND COVERING				
Ell Pond Brook				
Grove St. to Main St., walls partly built—covered		200	1	0
Upham St., southerly walls and covered		95		
Ingalls Ct., southerly walls and covered		88		
E. Emerson St., northerly walls and covered		60	0	2
Spot Pond Brook				
W. Wyoming Ave., northerly walls only		116		
walls and covered		84		
Whittier St., westerly, walls only		170		
walls and covered		107		
Totals		920	16	9

SUMMARY

2551 lin ft. Concrete Pipe
1101 lin. ft. Akron Pipe
770 lin. ft. Iron Pipe
634 lin. ft. Conduits—stone and concrete
286 lin. ft. Stone Walls at Brooks
16 Manholes
9 Catch Basins

IMPROVED DRAINAGE SYSTEM AS OF DECEMBER 31, 1929

8 inch Akron Pipe	1,225 lin. ft.
10 inch Akron Pipe	6,152 lin. ft.
10 inch Iron Pipe	220 lin. ft.
12 inch Akron Pipe	38,959 lin. ft.
12 inch Iron Pipe	735 lin. ft.
15 inch Akron Pipe	19,238 lin. ft.
16 inch Akron Pipe	284 lin. ft.
16 inch Iron Pipe	1,238 lin. ft.
18 inch Akron Pipe	8,218 lin. ft.
18 inch Concrete Pipe	256 lin. ft.
18 inch Iron Pipe	1,202 lin. ft.
20 inch Akron Pipe	6,232 lin. ft.
20 inch Iron Pipe	556 lin. ft.
24 inch Akron Pipe	3,076 lin. ft.
24 inch Concrete Pipe	1,265 lin. ft.
24 inch Iron Pipe	524 lin. ft.
30 inch Iron Pipe	1,122 lin. ft.
30 inch Concrete Pipe	1,030 lin. ft.
36 inch Iron Pipe	670 lin. ft.
48 inch Iron Pipe	33 lin ft..
Brick conduit	659 lin. ft.
Concrete conduit	10,463 lin. ft.
Number of manholes	444
Number of concrete culverts	9
Number of catch basins	744
Total length of improved surface drainage	19.57

I wish to express my sincere thanks to His Honor the Mayor, the Board of Aldermen, and to all the employes of this Department for their co-operation in the year's work.

Respectfully submitted,

FRANK EMERSON,
Engr. and Supt. Public Works

STATISTICS

of

CITY OF MELROSE, MIDDLESEX COUNTY

MASSACHUSETTS

Location	7 miles north of Boston
Population April 1, 1929	23,440
Number of voters	10,999
Greates extent of the City north and south	2.44 miles
Greatest extent of the City east and west	2.95 miles
Valuation of Real Estate	$32,813,550.00
Valuation of personal property	2,226,425.00
Tax Rate	$33.60
Area of City ..... Land	3,079.50 acres
..... Water	35.50 acres ..... 3,115 acres
Length of Public Streets	56.21 miless
Length of Private Streets	18.95 miles
Total length of water mains	64.39 miles
Total length of sewers	50.86 mile.
Range of pressure on mains from	100 to 23 lbs
Number of 250 candlepower incandescent lights	43
Number of 60 candlepower incandescent lights	908
Number of luminous arcs, all night	61
to midnight	21 82

Areas of Parks:

Lincoln School Playground	1.60 acres
Horace Mann Playground	.60 acres
Messenger's Meadow Playground	2.89 acres
Melrose Common	4.4 acres
Sewall Woods Park	9.0 acres
Ell Pond Park	34.41 acres
Pine Banks Park	81.8 acres
Middlesex Fells	170.0 acres
Area of Wyoming Cemetery	43.5 acres
Bowden Park	.62 acres

Elevation Main Street at City Hall	61 ft. above mean low tide
Elevation Franklin Square	85 ft. above mean low tide

FINANCIAL STATEMENT

OF

PUBLIC WORKS DEPARTMENT, 1929

WATER CONSTRUCTION

Balance 1928		$251.10	
Bond Issue		30,000.00	
Order No. 19390		5,000.00	
		$35,251.10	
Less—B. of A. Order No. 19167A		25.75	$35,225.35
Expended			
Meters:			
New	$2,672.59		
Installation	356.50	3,029.09	
Services		6,888.85	
Main Line		23,735.83	33,653.77
Balance			$1,571.58

COST OF WATER SYSTEM

Construction to January 1, 1929	744,165.47	
Construction 1929	33,653.77	
Cost of System to December 31, 1929		$777,819.24

INSIDE SERVICES AND CHARGES

Receipts	$9,976.00	
Less refunds and overdraft	4,369.75	5,606.25
Expended		
Labor	3,175.01	
Stock, teams and overhead	4,804.03	7,979.04
Overdraft		$2,413.79

NEW WATER METERS

Budget	3,000.00	
Receipts	1,989.59	4,989.59

	Expended	
Invoices		4,899.44
Balance		$90.15

WATER MAINTENANCE

Budget		$20,000.00	
Receipts		8.00	$20,008.00
	Expended		
Overhead:			
Salaries and wages	$2,336.09		
Expense	3,200.82		
	5,536.91		
Less-Credits received	3,247.38	2,289.53	
Material:			
Stock, Labor	1,179.63		
Purchases	16,065.60		
	17,245.23		
Less-Credits received	17,889.40		
Credit from stock on hand Jan. 1, 1929		644.17	
Hydrants		1,023.88	
Main Line		2,858.20	
Maters:			
Read	2,762.18		
Remove and repair	2,925.04	5,687.22	
Relay Mains		1,231.38	
Services		6,450.03	18,896.07
Balance			$1,111.93

HIGHWAY REPAIRING

Balance 1928		$367.48	
Budget		30,000.00	
Receipts		5,265.12	
		$35,632.70	
Less:			
B. of A. Order No. 19449	$1,000.00		
Refunds	31.71	1,031.71	$34,600.99

	Expended		
Overhead:			
Expense	$3,752.55		
Salaries and wages	452.71		
	$4,205.26		
Credits Received	6,444.63		
Net credit from purchases of 1928		2,239.37	
Materials:			
Purchases	5,435.58		
Credits Received	5,780.80		
Net credit from stock on hand Jan. 1, 1929		345.22	
Crosswalks and pavings		258.09	
Snow removal		1,172.40	
Guard Rail and fencing		373.96	
Minor Repairs		2,167.72	
Street Sprinkling		7,231.56	
Street Signs		777.46	
Tar Patching		17,799.64	
Traffic Painting		193.93	
Traffic Signs		188.54	
Clean Catch Basins		84.56	
Repairs by Streets:			
Trenton Street	$15.81		
Lebanon Street	156.95		
Swains' Pond Avenue	17.13		
Poplar Street	58.85		
Washington Street	18.19		
Woodland Avenue	432.62		
Sewall's Woods Road	248.73		
Grade Ellis Lot	352.15	1,300.43	
Minor Charges		3,546.46	32,510.16
Balance			$2,090.83

HIGHWAY CONSTRUCTION

Budget	$3,000.00
Sup. Budget	16,692.00
Bond Issue	30,000.00
Unexpended Balance	15,184.38
	$64,876.38

Less:			
Overdraft 1928	$6,324.02		
B. of A. Orders	50,413.72	56,737.74	8,138.64

Expended

Labor	$943.86	
Stock, teams and overhead	385.25	
Invoices	1,011.77	2,340.88
Balance		$5,797.76

Clifford Street—Construction

Balance 1928	$1,447.34
Returned to General Account	1,447.34

Dyer Avenue—Construction

Balance 1928		$3,600.18
Less:		
To General Account		1,097.19
		$2,502.99

Expended

Labor	$906.30	
Stock, teams and overhead	1,047.77	
Invoices	548.92	$2,502.99

Greenwood Street—Proposed Extension

Balance 1928	$82.31
Less:	
B. of A. Order No. 18929	82.31

Highview Avenue—Construction

From General Account	$75.72
Less:	
Overdraft 1928	75.72

Hillcrest Avenue—Construction

B. of A. Order No. 18144B	$7,209.00	
Less:		
To General Account	3,362.81	3,846.19

Expended

Labor	$1,203.39	
Stock, teams and overhead	1,570.68	
Invoices	1,072.12	3,846.19

Maple Road—Construction

Balance 1928		$2,431.07
Less:		
To General Account		2,431.07

Melbourne Avenue—Construction

Balance 1928		$676.19
Less:		
To GeneralAccount		676.19

Pine Street—Construction

Balance 1928	$2,064.00	
Less:		
To General Account	341.79	$1,722.21

Expended

Labor	832.07	
Sotck, teams and overhead	386.48	
Invoices	503.66	1,722.21

Thirteenth Street—Construction

Balance 1928		$2,745.68
Less:		
To General Account		2,745.68

Baxter Street—Construction

Sup. Budget		$11,308.00

Expended

Labor	$3,358.83	
Stock, teams and overhead	3,068.21	
Invoices	1,391.73	$7,818.77
Balance		3,489.23

Crest Avenue—Construction

B. of A. Order No. 18243 A.		$4,826.00
Expended		
Labor	$1,087.34	
Stock, teams and overhead	1,158.53	
Invoices	9.14	2,255.01
Balance		$2,570.99

Garland Street—Construction

B. of A. Order No. 18479A		$7,352.00
Expended		
Labor	$872.94	
Stock, teams and overhead	1,575.37	
Invoices	9.89	2,458.20
Balance		$4,983.80

Gibbons Street—Construction

B. of A. Order No. 16887A		$2,019.00
Expended		
Invoices		3.74
Balance		$2,015.26

Leonard Road—Construction

B. of A. Order No. 17084A		$7,739.00
Expended		
Labor	$19.87	
Stock, teams and overhead	7.53	
Invoices	10.02	37.42
Balance		$7,701.58

Melrose Street—Construction

B. of A. Order No. 17622A		$2,841.00
Expended		
Invoices		3.96
Balance		$2,837.04

Ravine Terrace—Construction

B. of A. Order No. 18241A		$8,660.00
Expended		
Invoices		4.26
Balance		$8,655.74

Temple, Beacon and Prescott Streets—Construction

Balance 1928	$15,460.97	
B. of A. Order No. 18224A	4,400.00	19,860.97
Expended		
Labor	10,410.60	
Stock, teams and overhead	6,335.05	
Invoices	2,551.71	19,297.36
Balance		$563.61

Whitman Avenue—Construction

B. of A. Order No. 17863A		$12,001.00
Expended		
Invoices		5.71
Balance		$11,995.29

STEAM ROLLER

Balance 1928		$906.14	
Receipts from use		1,335.50	$2,241.64
Expended			
Repairs:			
Labor	$235.91		
Parts	95.75	331.66	
Gasoline		45.00	
Overhead		22.01	
Fuel		198.55	
Oil and Grease		25.13	
Sundries		42.72	665.07
Balance			$1,576.57

STABLES ACCOUNT

Budget	$2,000.00	
Receipts from use	13,620.35	$15,620.35
Expended		
Labor	5,568.61	
Hay, Grain and Feed	4,886.44	
Wagon Care	1,605.31	
Horse Care	1,674.07	
Harness Care	461.15	
Supplies	27.97	
Telephone	51.70	
Insurance	146.60	
Heat, light and repairs	514.40	
Sundries	344.94	15,281.19
Balance		$339.16

AUTOMOTIVE EQUIPMENT

Budget		$2,000.00	
Cash Receipts		170.19	
Receipts from use		14,962.62	
		$17,132.81	
Less:			
B. of A. Order No. 19329	$1,000.00		
B. of A. Order No. 19134	800.00	1,800.00	15,332.81
Expended			
Mechanic		$4,268.88	
Gasoline		3,000.07	
Repairs and Parts		1,957.82	
Supplies		893.65	
Oil and Grease		551.15	
Garage Rent		169.00	
Batteries and Care		146.75	
Tires, Tubes, etc		1,233.56	
Insurance		998.63	
New Equipment		643.00	
Sundries		258.41	14,120.92
Balance			$1,211.89

STREET SPRINKLING

Budget		$10,000.00
Expended		
Labor	$452.61	
Stock, teams and overhead	2,576.66	
Invoices	6,970.00	9,999.27
Balance		$.73
(69,700 Gal. Tar used.)		

STREET LIGHTING

Budget	$36,762.00	
B. of A. Order No. 19449	130.00	
Receipts	180.00	37,072.00
Expended		
Invoices		37,043.34
Balance		$28.66

SNOW REMOVAL AND SANDING

Budget	$6,000.00	
Budget	2,313.07	
Sup. Budget	4,650.00	
B. of A. Order No. 19449	3,930.00	
	16,893.07	
Less—Overdraft	2,225.07	$14,668.00
Expended		
Removal	3,373.28	
Sanding	1,217.07	
Plowing	4,038.84	
Plow expense	322.10	
Sand	1,324.16	
Overhead	812.41	
Sundries	675.93	$11,763.79
Balance		$2,904.21

INSURANCE

Budget	$9,000.00	
Receipts	321.08	9,321.08
Expended		
Invoices		9,124.82
Balance		$196.26

VACATIONS

Budget		$8,200.00
Expended		
Payrolls		8,133.34
Balance		$66.66

PENSIONS

Budget	$12,864.00	
Less:		
B. of A. Order No. 19449	630.00	12,234.00
Expended		
Payrolls		12,220.49
Balance		$13.51

CLAIM OF ANNA BLAIN

B. of A. Order No. 18887	$20.00
Expended	
Invoices	20.00

CLAIM OF ANNA CARROLL

B. of A. Order No. 18791A	$325.00
Expended	
Invoices	325.00

CLAIM OF LENA F. POOLE

B. of A. Order No. 18838	$50.00
Expended	
Invoices	50.00

CLAIM OF KARL OSTLING

B. of A. Order No. 19167	$25.75
Expended	
Invoices	25.75

CLAIM OF IRVING W. STEEVES

B. of A. Order No. 19168	$20.00
fxpended	
Invoices	20.00

CLAIM OF MRS. KARIN OSTLING

B. of A. Order No. 19167 A	$25.75
Expended	
Invoices	$25.75

CLEAR AND IMPROVE ELLIS PROPERTY FOR PARKING PURPOSE

Balance 1928		$349.48
Expended		
Payroll	$268.44	
Stock, teams and overhead	81.04	$349.48

CONSTRUCTION OF ADDITIONAL STORAGE QUARTERS

B. of A. Order No. 19402	$2,013.12
Expended	
Invoices	1,006.75
Balance	$1,006.37

CONVENTION EXPENSES—CITY ENGINEER

Supplementary Budget	$100.00
Expended	
Invoices	42.05
Balance	$57.95

EDGESTONE, GRANOLITHIC AND GRADING—New Fire Station

Budget 1929		$2,320.00
Expended		
Labor	$771.55	
Stock, teams and overhead	1,213.95	
Invoices	297.10	2,282.60
Balance		$37.40

NEW BUILDING CONSTRUCTION

Balance 1928	$3,726.99	
B. of A. Order No. 18929A	20.63	3,747.62
Expended		
B. of A. Order No. 18993	1,734.50	
B. of A. Order No. 19402	2,013.12	$3,747.62

NEW CITY STABLES

Balance 1928	$407.51
None expended	

PURCHASE F. E. ELLIS PROPERTY

Balance 1928	$82.46
None Expended	

PURCHASE LAND OF MANS PROHL

B. of A. Order No. 18561A	$500.00
None Expended	

PURCHASE OF TANDEM ROAD ROLLER

B. of A. Order No. 18844	$3,400.00
Expended	
Invoices	3,400.00

PURCHASE TRUCK CHASSIS

B. of A. Order No. 19134	$800.00
Expended	
Invoices	800.00

PURCHASE RUNABOUT AUTOMOBILES

B. of A. Order No. 19329		$1,000.00
Expended		
Invoices		998.00
Balance		$2.00

SNOW-PLOW AND TRACTOR

Balance 1928	$136.45	
B. of A. Order No. 19257	2,925.00	3,061.45
Expended		
B. of A. Order No. 19449	$280.00	
Invoices	2,643.00	2,923.00
Balance		$138.45

SEWER CONSTRUCTION

Balance 1928		$2,086.16	
Bond Issue		35,000.00	
B. of A. Order No. 19294		5,000.00	
Unexpended Balances		6,471.58	
		48,557.74	
Less—B. of A. Orders		42,766.33	$5,791.41
Expended			
Over head Expense:			
Expended	$6,086.93		
Credits received	6,598.01		
Net credits from previous years purchases		511.08	
Material:			
Purchases	5,963.38		
Cre its received	5,578.89	384 49	
Private Connections		229.39	
Mains		163.18	
Sundries		46.11	312.09
Balance			$5,479.32

PRIVATE SEWERS

Balance 1928	$41.05	
Receipts	12,571.79	
	12,612.84	
Less—Refunds	3,089.63	$9,523.21
Expended		
Labor	$7,037.87	
Stock, teams and overhead	3,322.48	10,360.35
Overdraft		$837.14

SEWER MAINTENANCE

Budget		$3,300.00
Expended		
Labor	$2,508.61	
Stock, teams and overhead	640.89	
Invoices	17.40	3,166.90
Balance		$133.10

SEWER ASSESSMENT RECEIPTS

Balance 1928	$1,330.15	
Unexpended Balances	1,591.85	
Receipts	8,966.65	11,888.65
Expended		
B. of A. Orders		5,754.07
Balance		$6,134.58

FELICIA ROAD

Balance 1928	$251.24	
Less—To General Account	32.61	$218.63
Expended		
Labor	190.63	
Stock, teams and overhead	28.00	$218.63

LONGFELLOW ROAD

Balance 1928		$1,532.34
Less:		
To Sewer Receipts		1,532.34

LOVELL ROAD

Balance 1928	$284.65	
Frowm Sewer Receipts	232.88	$517.53
Expended		
Labor	449.43	
Stock, teams and overhead	68.10	$517.53

RUGGLES STREET

B. of A. Order No. 19172	$2,400.00	
Less:		
To General Account	1,443.03	$956.97
Expended		
Labor	688.87	
Stock, teams and overhead	210.25	
Invoices	57.85	$956.97

COUNTRY CLUB ROAD—B. of A. Order No. 18765

Balance 1928	$1,025.53	
Receipts	478.20	1,503.73
Expended		
Labor	440.39	
Stock, teams and Labor	164.17	
Invoices	478.88	
To General Account	420.29	$1,503.73

COUNTRY CLUB ROAD—B. of A. Order No. 18732

Balance 1928		$212.33
Expended		
Labor	$177.38	
Stock, teams and overhead	34.95	$212.33

BOARDMAN AVENUE

B. of A. Order No. 18389	$2,080.00	
From General Account	358.77	$2,438.77
Expended		
Labor	$1,776.64	
Stock, teams and overhead	600.96	
Invoices	61.17	$2,438.77

COCHRANE STREET

B. of A. Order No. 18971	$1,538.00	
Less:		
To General Account	540.63	997.37
Expended		
Labor	$748.76	
Stock, teams and overhead	247.50	
Invoices	1.11	$997.37

COTTAGE STREET

B. of A. Order No. 19193	$550.00	
Less:		
To General Accout	401.83	$148.17
Expended		
Labor	119.62	
Stock, teams and overhead	28.55	$148.17

COUNTRY CLUB ROAD—B. of A. Order No. 18450

From Sewer Receipts	$264.25	
Less:		
Overdraft 1928	43.64	220.61
Expended		
Labor	$165.32	
Stock, teams and overhead	45.91	
Invoices	9.38	$220.61

DERBY FARM—B. of A. Order No. 18059

From General Account	$3,287.56	
Less:		
Overdraft 1928	2,932.64	354.92
Expended		
Labor	264.24	
Stock, teams and overhead	90.68	$354.92

FLORENCE AVENUE

Balance 1928	$1,697.65	
Less:		
To General Account	189.51	$1,508.14
Expended		
Payrolls	$900.71	
Stock, teams and overhead	545.32	
Invoices	62.11	$1,508.14

LINWOOD AVENUE

Balance 1928	$1,244.06	
Less:		
To General Account	299.80	944.26
Expended		
Labor	667.27	
Stock, teams and overhead	272.11	
Invoices	4.88	$944.26

MAIN STREET

B. of A. Order No. 19293	$9,000.00	
Less:		
To General Account	2,109.89	6,890.11
Expended		
Labor, stock, teams and overhead	6,025.12	
Invoices	864.99	$6,890.11

MOUNTAIN AVENUE

B. of A. Order No. 18305	$2,100.00	
Less:		
To General Account	911.92	1,188.08
Labor	896.26	
Stock, teams and overhead	259.59	
Invoices	32.23	$1,188.08

PORTER STREET

Balance 1928	$124.51	
Less:		
To Sewer Receipts	59.51	65.00
Invoices		$65.00

PORTER STREET—B. of A. Order No. 18860

B. of A. Order No. 18860	$1,350.00	
From Sewer Receipts	406.94	$1,756.94
Expended		
Labor	1,280.85	
Stock, teams and overhead	390.57	
Invoices	85.52	$1,756.94

RENDALL PLACE

B. of A. Order No. 19005	$930.00	
Less:		
To General Account	122.07	$807.93
Expended		
Labor	568.74	
Stock, teams and overhead	236.84	
Invoices	2.35	$807.93

EAST FOSTER STREET

B. of A. Order No. 19192		$2,250.00
Expended		
Labor	$870.20	
Stock, teams and overhead	273.00	
Invoices	39.62	1,182.82
Balance		$1,067.18

HOWARD STREET

B. of A. Order No. 19316		$1,260.00
Expended		
Labor	$371.55	
Stock, teams and overhead	93.52	465.07
Balance		$794.93

JONES ROAD

Balance 1928		$4,243.44
Expended		
Labor	$54.24	
Stock, teams and overhead	10.51	
Invoices	11.75	76.50
Balance		4,166.94

LARCHMONT ROAD

B. of A. Order No. 18764		$7,950.00
Expended		
Labor	$4,875.16	
Stock, teams and overhead	1,058.37	
Invoices	174.51	6,108.04
Balance		$1,841.96

LOVELL ROAD

B. of A. Order No. 18746B		$7,462.00
Expended		
Labor	$3,303.02	
Stock, teams and overhead	800.34	
Invoices	170.85	4,274.21
Balance		3,187.79.

MAIN STREET

B. of A. Order No. 18281		
Balance 1928		$5,167.57

Expended		
Labor	$157.10	
Stock, teams and overhead	4,013.52	
Invoices	311.65	4,482.27
Balance		$685.30

NORMAN ROAD

B. of A. Order No. 18723		$5,100.00
Expended		
Labor	$1,020.71	
Stock, teams and overhead	166.59	
Invoices	56.77	1,244.07
Balance		$3,855.93

PILGRIM ROAD

Balance 1928		$1,811.99
None Expended		

WASHINGTON STREET

Balance 1928		$3,158.00
Expended		
Labor	$1,534.96	
Stock, teams and overhead	489.58	
Invoices	100.86	2,125.40
Balance		$1,032.60

COST OF SEWERAGE SYSTEM

Cost of System to December 31, 1928	$776,725.08	
Expended 1929	40,899.96	
Cost of System to December 31, 1929		$817,625.04

SEWER AND DRAIN CONSTRUCTION

Budget	$8,645.30	
Less:		
To Surface Drain Construction	8,645.30	

SURFACE DRAIN CONSTRUCTION

Balance 1928	$7,024.29	
Bond Issue	25,000.00	
From Sewer and Drain Construction	8,645.30	$40,669.59

Expended

Spot Pond Brook:		
W. Wyoming Avenue	$843.74	
Cleveland Street	228.80	
Whittier Street	1,347.21	
Chester Street	117.06	
Trenton Street	2,210.31	
Lynde Avenue	157.06	
Ell Pond Brook:		
Ingalls Court	1,228.33	
Emerson Street	448.59	
Grove Street	2,719.38	
Dell Avenue	495.63	
Tremont Street	1,274.33	
Lebanon Street	102.86	
Golf Links	25,282.58	
Hesseltine Avenue	160.02	
Highland Avenue	438.43	
School Street	2,074.09	
Washington Street	166.33	
Goodyear Avenue	16.12	
Dix Pond	163.67	
Lincoln Street	337.42	
Marvin Road	88.33	
Mountain Avenue	35.75	
Nelson Road	8.40	
Waverly Place	152.96	
Cover Brooks—Sundries	38.03	
E. Foster Street	1.02	
E. Highland Avenue	219.36	
Marmion Road	50.42	40,406.23
Balance		$263.36

SURFACE DRAIN MAINTENANCE

Budget		$7,000.00

Expended

Labor	$5,249.51	
Stock, teams and overhead	1,667.06	
Invoices	.72	6,917.29
Balance		$82.71

COST OF SURFACE DRAINAGE SYSTEM

Cost of System to January 1, 1929	$379,898.36
Expended 1929	40,406.23
Cost of System to December 31, 1929	$420,304.59

CONTINUOUS WALKS

Balance 1928		$14,447.14	
Budget		8,645.30	
Bond Issue		40,000.00	
Unexpended Balances		24,695.32	
Receipts		8,368.82	
		$96,156.58	
Less—B. of A. Orders		66,467.33	$29,689.25
Expended			
Overhead Expense		$417.20	
Material Account:			
Expended	$42,852.15		
Credits received	43,330.15		
Net credit from stock on hand January 1, 1929		478.00	
Sodding expense		22.61	
Sundry Accounts		989.84	952.65
Balance			$28,736.60

INDIVIDUAL WALKS

Balance 1928	$3,218.14	
Budget	4,000.00	
Receipts	4,308.52	
	$11,526.66	
Less—Refunds	1,782.81	$9,743.85
Expended		
Labor	$782.90	
Stock, teams and overhead	3,386.79	
Invoices	35.26	4,204.95
Balance		$5,538.90

REPAIR OF WALKS

Budget	$9,000.00	
Less—B. of A. Order No. 19449	500.00	$8,500.00
Expended		
Labor	3,725.91	
Stock, teams and overhead	2,025.99	
Invoices	1,786.57	7,538.47
Balance		$961.53

BATCHELDER STREET

of A. Order No. 18553	$1,084.00	
Less—To General Account	643.43	$440.57
Expended		
Payrolls	$110.39	
Stock, teams and overhead	330.18	$440.57

CHESTER STREET

B. of A. Order No. 17056	$1,409.00	
Less—To General Account	402.67	1,006.33
Expended		
Labor	174.42	
Stock, teams and overhead	831.91	$1,006.33

CHESTNUT STREET

B. of A. Order No. 18182	$1,870.00	
Less—To General Account	476.42	$1,393.58
Expended		
Labor	178.86	
Stock, teams and overhead	1,214.72	$1,393.58

CRESCENT AVENUE

B. of A. Order No. 18722	$3,076.00	
Less—To General Account	668.61	$2,407.39
Expended		
Labor	$409.90	
Stock, teams and overhead	1,993.08	
Invoices	4.41	2,40 .39

ELEVENTH STREET

Balance 1928	$721.65	
Less to General Account	521.24	200.41
Expended		
Labor	$74.49	
Stock, teams and overhead	125.92	200.41

FAIRVIEW AVENUE

B. of A. Order No. 18183	$3,608.00	
Less——To General Account	2,445.13	1,162.87
Expended		
Labor	260.92	
Stock, teams and overhead	885.63	
Invoices	16.32	1,162.87

FARWELL AVENUE

B. of A. Order No. 18146	$871.00	
Less—To Genera. Account	190.38	680.62
Expended		
Labor	110.81	
Stock, teams and overhead	568.69	
Invoices	1.12	680.62

FIRST STREET—B. of A. Order No. 18443

Balance 1928	$358.98	
Less—To General Account	260.88	125.10
Expended		
Labor	59.11	
Stock, teams and overhead	65.99	125.10

FIRST STREET

B. of A. Order No. 18551	$5,717.00	
Less—To General Account	1,934.72	3,782.28
Expended		
Labor	443.77	
Stock, teams and overhead	3,338.51	3,782.28

FLORENCE STREET

B. of A. Order No. 17508	$5,268.00	
Less—To General Account	1,306.31	3,961.69
Expended		
Labor	557.14	
Stock, teams and overhead	3,399.55	
Invoices	5.00	3,961.69

EAST FOSTER STREET

B. of A. Order No. 18772	$2,521.00	
Less—To General Account	1,452.67	1,068.33
Expended		
Labor	17.58	
Stock, teams and overhead	1,050.75	1,068.33

GROVE STREET

B. of A. Order No. 19011	$830.00	
Less—To General Account	325.43	504.57
Expended		
Stock		$504.57

HESSELTINE AVENUE

B. of A. Order No. 18789	$8,696.00	
Less—To General Account	2,717.13	5,978.87
Expended		
Labor	788.86	
Stock, teams and overhead	5,182.73	
Invoices	7.28	5,978.87

HIGHVIEW AVENUE

B. of A. Order No. 18797	3,274.00	
Less—To General Account	1,042.50	2,231.50
Expended		
Stock		$2,231.50

HOWARD STREET		
B. of A. Order No. 18767	1,667.00	
Less—To General Account	606.43	1,060.57
Expended		
Labor	127.46	
Stock, teams and overhead	933.11	1,060.57
LAUREL STREET		
B. of A. Order No. 18188	768.00	
Less—To General Account	257.61	510.39
Expended		
Labor	85.15	
Stock, teams and overhead	425.24	510.39
LAUREL STREET		
B. of A. Order No. 18495	882.00	
Less—To General Account	229.63	652.37
Expended		
Labor	186.52	
Stock, teams and overhead	465.85	652.37
LYNDE STREET		
B. of A. Order No. 18689	$1,526.00	
From—General Account	83.33	1,609.33
Expended		
Labor	510.47	
Stock, teams and overhead	1,080.52	
Invoices	18.34	1,609.33
MALVERN STREET		
B. of A. Order No. 19012	1,605.00	
Less—To General Account	412.23	1,192.77
Expended		
Labor	42.44	
Stock, teams and overhead	1,150.33	1,192.77

MALVERN STREET

B. of A. Order No. 19331	$100.00	
Less—To General Account	20.00	80.00
Expended		
Stock		80.00

MELBOURNE AVENUE

B. of A. Order No. 18805	3,916.00	
Less—To General Account	1,210.64	2,705.36
Expended		
Labor	2.62	
Stock, teams and overhead	2,702.74	2,705.36

MERIDIAN STREET

B. of A. Order No. 19231	924.00	
Less—To General Account	204.35	683.65
Expended		
Labor	58.21	
Stock, teams and overhead	625.44	683.65

ROWE STREET

Balance 1928	$1,105.21	
Less—To General Account	867.54	237.67
Expended		
Labor	123.15	
Stock, teams and overhead	114.52	237.67

SARGENT STREET—B. of A Order No. 18057

Balance 1928	$744.59	
Less—To General Account	565.73	$178.86
Expended		
Labor	67.72	
Stock, teams and overhead	111.14	178.86

SEARS AVENUE		
B. of A. Order No. 18688	$5,609.00	
Less—To General Account	1,797.31	3,811.69
Expended		
Stock		3,811.69
UPHAM STREET—B. of A. Order No. 18025		
Balance 1928		$1,231.42
Less—To General Account		1,231.42
UPHAM STREET		
B. of A. Order No. 18660	$6,102.00	
Less—To General Account	2,384.28	3,717.72
Expended		
Labor	766.78	
Stock, teams and overhead	2,746.43	
Invoices	204.51	3,717.72
UPHAM STREET		
B. of A. Order No. 19129	552.00	
Less—To General Account	181.11	270.89
Expended		
Labor	89.63	
Stock, teams and overhead	280.14	
Invoices	1.12	370.89
WHITTIER STREET		
B. of A. Order No. 18683	$1,891.00	
Less—To General Account	303.52	1,587.48
Expended		
Labor	304.85	
Stock, teams and overhead	1,278.15	
Invoices	4.48	1,587.48
ARDSMOOR ROAD		
B. of A. Order No. 18287		$2,978.00
Expended		
Invoices		4.46
Balance		$2,973.54

HURD STREET

B. of A. Order No. 18000B		$267.00
None expended.		

LINDEN ROAD

B. of A. Order No. 19414		$505.00
None expended.		

PORTER STREET

B. of A. Order No. 19141		577.00
Expended		
Labor	194.41	
Stock, teams and overhead	204.83	
Invoices	11.24	410.48
Balance		$166.52

TAPPAN AND SANFORD STREETS

B. of A. Order No. '9297		$218.00
Expended		
Labor	62.19	
Stock, teams and overhead	79.26	141.45
Balance		$76.55

WASHINGTON STREET

B. of A. Order No. 18796		$1,051.00
Expended		
Labor	$147.96	
Stock, teams and overhead	699.40	847.36
Balance		$203.64

CARE OF TREES

Budget 1929	$5,300.00	
Receipts	25.00	
	$5,325.00	
Less—Refunds	.07	5,324.93
Expended		
Labor	$4,024.30	
Stock, teams and overhead	930.98	
Invoices	215.79	5,171.07
Balance		$153.86

PLANT NEW TREES

Balance 1928	$66.74	
Budget	300.00	
Cash Receipts	231.00	
	$597.74	
Less Refunds	10.50	587.24
Expended		
Labor	$299.29	
Stock, teams and overhead	11.70	
Invoices	261.50	572.49
Balance		$14.75

MOTH SUPPRESSION

Budget		$750.00
Expended		
Labor	$458.39	
Stock, teams and overhead	132.55	
Invoices	95.62	686.56
Balance		$63.44

MOTH SUPPRESSION—Private Estates

Budget		$300.00
Expended		
Labor	213.93	
Stock, teams and overhead	39.88	253.81
Balance		$46.19

COLLECTION OF GARBAGE

Budget		$18,524.00
Expended		
Labor	$13,854.13	
Stock, teams and overhead	3,988.44	
Invoices	595.72	18,437.29
Balance		$86.71

COLLECTION OF ASHES AND RUBBISH

Budget		$18,498.00
Expended		
Labor	$11,719.98	
Stock, teams and overhead	2,540.32	
Invoices	3,196.32	17,456.62
Balance		$1,041.38

STREET CLEANING

Budget	$5,000.00	
Less—B. of A. Order No. 19449	500.00	4,500.00
Expended		
Labor	$3,018.24	
Stock, teams and overhead	1,339.03	
Invoices	56.75	4,414.02
Balance		$85.98

PUBLIC WORKS—Salaries and Wages

Budget	$13,682.00	
Less—B. of A. Order No. 19449	500.00	13,182.00
Expended		
Payrolls	$12,901.24	
Liability Insurance	2.87	12,904.11
Balance		$277.89

PUBLIC WORKS EXPENSE

Budget	$1,670.00	
Less—B. of A. Order No. 19449	200.00	1,470.00
Expended		
Supplies	$277.38	
Stationery and printing	309.85	
Stamps	80.24	
Telephone	150.73	
Superintendent's car	600.00	
Sundries	49.75	1,467.95
Balance		2.05

ENGINEERS' SALARIES AND WAGES

Budget		$7,500.00
Expended		
Payrolls	$7,147.23	
Liability Insurance	41.72	7,188.95
Balance		$311.05

ENGINEERS' EXPENSES

Budget		$1,70000
Expended		
Supplies	$190.80	
Telephone	24.75	
Use of car	1,458.00	
Sundries	17.13	1,690.68
Balance		$9.32

CITY HALL—Salaries and Wages

Budget	$3,780.00	
Less—B. of A. Order No. 19449	450.00	3,330.00
Expended		
Payrolls	$3,246.69	
Liability Insurance	31.68	3,278.37
Balance		$51.63

CITY HALL—Expense

Budget		$4,500.00	
Receipts		.75	4,500.75
Expended			
Supplies		$180.83	
Alterations and Repairs:			
Labor	$14.45		
Teams	5.34		
Invoices	1,587.14	$1,606.93	
Gas		37.22	
Electricity		1,076.32	
Coal and wood		650.81	
Towel care		50.42	
Telephone		49.30	
Christmas decorations		392.00	
Sundries		258.80	
Water rates		154.75	4,457.38
Balance			$43.37

CITY HALL—Basement Wiring

B. of A. Order No. 18907	$775.00

Expended

Invoices	$775.00

CITY HALL—Building Extension

Balance 1928	$20.63

Expended

B. of A. Order No. 18929A	$20.63

CITY HALL—Fire Loss

Balance 1928	$901.11	
Receipts	69.08	970.19

Expended

Invoices	$369.40	
B. of A. Order No. 19365A	565.99	$935.39
Balance		34.80

BOARD OF SURVEY EXPENSE

Budget	$25.00

None Expended...

Report of Superintendent of Schools

January 1, 1930

To the Members of the School Committee,

Ladies and Gentlemen:

I have the honor of presenting to you my eighth annual report as Superintendent of Schools.

The year just closed has been characterized by unusual consideration of and attention to the physical needs of our school plant. More than $30,000.00 has been expended in improving buildings, enlarging playgrounds, and adding to the safety, convenience and attractiveness of the several school units.

The most noteworthy events of the past year have been the initiation of the construction of the Lincoln School addition and the preparation of working drawings of a four room addition to the Ripley school. The enlargement of these buildings at last seems assured and if plans do not go amiss, an adequate number of school rooms in both the southwest and extreme southeast sections of the city will be ready for the children at the opening of another school year.

These additions will satisfy not only our most pressing need in these districts by supplying school rooms sufficient in number and suitable in quality; but will also provide every reasonable facility for carrying forward a program of modern education. This is particularly true of the Lincoln school, where structural design and equipment details prepare the way for an adequate physical training program.

Our first concern in the utilization of these additional accommodations has to do with the assignment of classes and grades to the enlarged buildings.

At the Lincoln center, the superintendent recommends an organization consisting of duplicate grades from grade one through grade six and the inclusion of all seventh and eighth grade pupils now in the Lincoln and Gooch districts as well as a special class. This will, of course, relieve the part time arrangement now in effect at this school and will be a most important step educationally for the seventh and eighth grade pupils now housed at the Gooch school.

At the Ripley center, the superintendent recommends the assignment of grades one through six organized in single grades to the extent which the enrollment next September indicates will be for the best interests of the children.

Since there is reasonable certainty that adequate facilities for physical education at the Lincoln school will be at the disposal of the School Committee it becomes necessary for your honorable body to adopt a

policy with reference to the program which is to be carried out at this school center.

The requirements of the law with respect to physical education are as follows: "Such schools (public)—shall give instruction and training in—physiology and hygiene, good behavior, indoor and outdoor games and athletic exercise." These are minimum requirements adopted in 1921. No progressive community would now be satisfied with a physical education program which meets merely the requirements of the law.

The greatest asset of any community is to be found in the physical welfare of its children. Moreover, the effectiveness of all other school instruction relies for support upon the foundation of physical fitness.

The superintendent recommends for your consideration the following as a program of physical education to be put into operation at the Lincoln school in September, 1930.

This recommendation goes somewhat further in the matter of the number of periods each week to be devoted to physical education than is the practice in most cities in this vicinity but is the goal of all communities desiring to be in line with best practices.

For the pupils in grades one to six inclusive:

1. Complete physical examination yearly.
2. Three twenty minute periods weekly.
3. Boys and girls to be taught together.
4. Instruction to be given by classroom teacher under direction of physical training supervisor.
5. Special consultation and corrective periods by physical training supervisor.

For pupils in grades seven and eight:

1. Complete physical examination yearly.
2. Boys and girls to be taught in separate classes.
3. Five forty-five minute periods weekly. (Four periods to be for activities, and one period to be for instruction in hygiene.)
4. Instruction given by special teachers under general direction of supervisor.

Although manifest progress is being made in supplying additional elementary school facilities, the development of a satisfactory solution of the high school housing problem moves forward on leaden shoes. This condition is in no way due to any lack of consideration of the problem on the part of the School Committee, nor to any lack of recognition of the need, but rather to the number and complexity of the factors which enter into the problem.

The superintendent some time ago abandoned as unattainable the hope of securing what seemed to him to be the best and most appropriate program, namely; an entirely new high school building located on the Parkway. Since in all probability the best obtainable program for increased high school accommodations will take the form of either an addition to the present building or a new building located near the present structure, it is imperative that progress be made with all possible speed.

Otherwise the city will find itself in a most embarrassing situation involving a part time plan of education for its high school pupils.

A location on or near the present high school lot certainly has the advantage of centrality. With respect to space for a physical education program it has obvious disadvantages and limitations.

To date Melrose has had nothing in the way of physical education in the high school worthy of the name. Attention must be given to this phase of our educational program in our plans for a new or enlarged plant. Melrose, together with every other community, is rapidly approaching a time when it will be satisfied with nothing less than a physical education program in which every high school boy and girl will be required to participate. To inaugurate and carry out such a comprehensive program requires space. It is the suggestion of the superintendent that as the plans for additional high school accommodations mature, including proper facilities for indoor physical education, we also develop plans for the outdoor program.

Salary Schedule

Your Committee has just adopted a new teachers' salary schedule. It is intended to represent the cost of efficient service and the value of that service to the community. It is needless to state that teachers will look with favor upon this action by your Committee.

Any wage scale which in addition to its intrinsic elements has in it also an incentive to self-improvement of its workers operates advantageously both to the employee and to the employer. This is particularly true when applied to a teaching force.

Therefore, I am submitting for the consideration of your Committee the following plan for the administration of the salary schedule which has lately been adopted. This plan attempts to put the operation of the schedule on an objective basis with initial training and experience as the determining factors. The spirit of the differential features of the schedule is to recompense equal training and equal experience with the same salary and to offer a higher salary level as a reward for further training.

Explanation of the Following Tables

Horizontal Roman numerals indicate years of training; vertical Arabic numerals indicate years of experience. Column II means two years of training in a recognized normal school. Coumn III means two years of training in a recognized normal school plus one year of collegiate or advanced normal school training or thirty points credit for professional courses. Column IV means four years of normal or collegiate training or two years of normal training plus sixty points credit for professional courses. Column V means five years of collegiate or normal training, or combination of the two, or equivalent in professional courses. Column VI means six years of collegiate or normal training or combination of the two, or equivalent in professional courses.

TABLE 1—Elementary Schools Schedule

Experience in years	Years of training beyond High School II	III	IV	V
0	1100	1200	1325	1450
1	1200	1300	1425	1525
2	1275	1375	1500	1600
3	1350	1450	1575	1675
4	1425	1525	1650	1750
5	1500	1600	1725	1825
6	1575	1675	1800	1900
7	1650	1750	1875	2000

TABLE 2—High School Schedule

Experience in years	Years of training beyond High School III	IV	V	VI
2	1400	1500	1600	1700
3	1500	1600	1700	1800
4	1600	1700	1800	1900
5	1700	1800	1900	2000
6	1800	1900	2000	2100
7	1900	2000	2100	2200

1. This schedule will become effective September 1, 1930.
2. Only in case that service is satisfactory shall training and experience be the determining factors.
3. Teachers who are working at a salary level less than that assigned for their grade shall step up to the new level by yearly increments of fifty dollars in excess of their regular increments.
4. Men not heads of departments and men teachers in the elementary schools will receive six hundred dollars in addition.
5. Women heads of departments are to receive two hundred dollars more than women assistants at the same salary.
6. The salary of men heads of departments, high and elementary school principals, and supervisors to be set by the School Committee.
7. A year of travel and study abroad to be considered equivalent to one year of prefessional study.
8. Summer travel abroad to be considered equivalent to one quarter of a year of professional study.

9. Teaching principals of four room buildings are to receive one hundred dollars additional.

10. Teaching principals of six room buildings are to receive one hundred and fifty dollars additional.

11. Teaching principals of eight room buildings are to receive two hundred dollars additional.

In conclusion I wish to express my appreciation of the help and support which has been given to me by the members of the School Committee, and to commend the efficiency and loyalty of the teaching force.

Respectfully submitted,

H. H. STUART,
Superintendent of Schools

Annual Report of the School Department

School Committee for 1930

OFFICERS OF THE COMMITTEE

Chairman, CHARLES H. ADAMS
Corresponding Secretary, EDWARD J. WALL
Recording Secretary, HERMAN H. STUART

MEMBERS OF THE COMMITTEE

Name and Address	Telephone	Term Expires
Charles H. Adams 541 Main Street	Mel. 2120 Mel. 0027-M	1932
Chester B. Allen 1008 Main Street	Lib. 1115 Mel. 0952	1932
Mrs. Maude M. Johnson 44 Lincoln Street	Mel. 1351	1930
Mrs. L. R. Lang 45 Francis Street	Mel. 1989-J.	1932
Robert A. Perkins 64 Vinton Street	Mel. 0156	1930
Paul H. Provandie 96 W. Emerson Street	Mel. 0132 Mel. 3220	1930
Harry F. Sears 44 Orris Street	Som. 0521 Mel. 0729	1930
Frank J. Sherman 167 Porter Street	Mel. 1202	1930
Edward J. Wall 38 Cleveland Street	Mel. 1197-W. Ken. 8840	1932

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the first Monday of every month, except during July and August, at 7.30 p.m.

SUPERINTENDENT OF SCHOOLS

HERMAN H. STUART, 6 York Terrace

Office: High School Building
Telephone: Office, Mel. 2284 and 2285
Residence, Mel. 2690
Secretary: Ethel M. Spaulding, 81 Lynde Street
Telephone: Mel. 1728-R
Clerk: Emily N. Osgood, 504 Lebanon Street
Telephone: Mel. 2984-R.

SCHOOL CALENDAR FOR 1929-1930

Fall Term 1929

Opens September 9
Closes December 20

Winter Term 1930

Opens December 30
Closes February 21

Opens March 3
Closes April 25

Spring Term

Opens May 5
Closes June 20

Fall Term 1930

Opens September 8

Holidays—November 11, Thanksgiving Day with half day preceding and day following, January 1, May 30, June 17.

"NO SCHOOL" SIGNAL

The "no school" signal will be sounded at two different places in the city: The Central Fire Station and the Congregational Church in the Highlands. The time of such signal for the High School is 7.15 a.m., and for the grades 7.45 a.m. and 12.45 p.m. The signal is the number 22 four times.

TABLE I

School Year	School Census	No. of different pupils enrolled in elementary schools exclusive of re-enrollment	No. of different pupils enrolled in High School exclusive of re-enrollment	Average membership in elementary schools	Average membership in High School	Average attendance in elementary schools	Average attendance in High School	No. of graduates from High School	No. of graduates from grammar schools
1908–09	2869	2688	534	2539.22	511.46	1908.23	492.03	93	203
1909–10	2739	2314	582	2134.60	552.34	2027.92	531.49	107	202
1910–11	2601	2304	586	2096.10	546.70	1982.47	518.52	107	340
1911–12	2876	2103	711	1971.39	665.73	1856.89	634.47	93	302
1912-13		2001	802	1917.98	731.44	1817.81	687.03	84	229
1913-14		2048	767	1918.85	737.00	1838.22	720.87	100	193
1914–15		2061	805	1975.23	751.38	1862.62	723.07	163	187
1915–16	3240	2079	736	2000.78	677.68	1885.35	649.78	136	198
1916–17	3315	2041	698	1978.12	647.01	1878.00	636.00	114	192
1917–18	3495	2129	684	2022.77	618.47	1898.68	591.11	106	179
1918–19	3647	2192	644	2985.09	588.02	1924.15	560.24	98	185
1919–20	3982	2281	693	2152.17	616.54	1992.80	591.41	103	165
1920–21	4015	2412	647	2309.36	608.89	2200.92	582.07	121	214
1921–22	3925	2446	677	2377.92	642.41	2229.98	620.21	89	228
1922–23	3079	2570	715	2447.18	736.37	2259.76	705.92	111	177
1923–24	3244	2548	790	2423.27	803.62	2292.52	774.46	136	239
1924–25	3657	2564	888	2497.10	831.69	2345.91	798.18	167	228
1925–26	3700	2645	911	2528.09	870.46	2356.61	841.42	177	222
1926–27	3685	2708	945	2609.63	915.44	2494.89	892.57	169	230
1927–28		2771	1023	2709.62	978.06	2562.24	943.52	183	299
1928–29		2854	1087	2789.19	1065.85	2611.80	1009.23	218	240

TABLE II

Percentage of Pupils Belonging June 1929 who Failed of Promotion

Schools	GRADES 1	2	3	4	5	6	7	8	Total Average Percent Failed
Franklin			2.60	0.00	2.67	4.48			2.44
Gooch	2.63	0.00	5.28	0.00	13.79	18.60	23.81	0.00	8.01
Lincoln	15.09	8.51	7.84	0.00	6.52	6.52	0.00	0.00	5.56
Livermore	17.14	0.00	0.00	0.00	0.00				3.43
Ripley	20.00	3.85	12.00	4.76	11.11	7.14			9.81
Roosevelt				7.14	0.00	2.94	7.81	4.85	4.55
Warren	5.92	5.13	0.00	0.00					2.76
Washington	11.96	2.44	10.53	11.90	15.00	17.46	22.70	9.09	12.64
Whittier	10.00	1.34							5.67
Winthrop	13.58	6.72	3.89	4.29	7.69	2.74			6.49
Total	12.04	3.50	5.27	3.12	7.10	8.55	13.58	3.49	6.14

Percentage of Pupils Belonging June 1929 who were Conditioned

Schools	GRADES 1	2	3	4	5	6	7	8	Total Average Percent Condi-tioned
Franklin			3.90	0.00	2.67	14.93			5.38
Gooch	10.53	8.33	11.11	12.82	17.24	13.95	14.29	12.82	12.64
Lincoln	5.66	4.26	7.84	12.19	10.86	8.69	11.11	4.76	8.17
Livermore	11.43	3.70	0.00	0.00	0.00				3.02
Ripley	0.00	0.00	16.00	19.05	0.00	0.00			5.84
Roosevelt				7.14	18.60	8.82	10.94	18.45	12.79
Warren	0.00	0.00	7.14	0.00					1.79
Washington	5.88	4.88	13.16	11.90	7.50	12.70	16.81	13.63	10.81
Whittier	4.29	1.34							2.82
Winthrop	9.98	6.72	3.89	5.71	15.38	10.96			8.77
Total	5.97	3.65	7.88	7.65	9.03	10.01	13.29	12.42	7.20

TABLE III

Percentage of Pupils who Failed of Promotion
1925—1929

Grades	1925	1926	1927	1928	1929	Total Percent Failed
I	13.54	13.44	13.43	8.92	12.04	12.27
II	4.40	3.90	5.10	3.09	3.50	4.00
III	6.45	6.25	8.15	4.15	5.27	6.05
IV	3.57	1.88	7.79	4.38	3.12	4.15
V	6.27	5.27	9.04	4.48	7.10	6.43
VI	3.61	2.56	4.99	6.53	8.55	5.25
VII	9.66	10.51	8.71	8.19	13.58	10.13
VIII	2.93	7.06	10.96	5.19	3.49	5.93
Total	6.30	6.36	8.52	4.78	6.14	6.78

Percentage of Pupils who were Conditioned

Grades	1925	1926	1927	1928	1929	Total Percent Conditioned
I	12.58	10.83	11.84	9.42	5.97	10.13
II	5.14	5.23	6.39	3.04	3.65	4.69
III	10.39	11.25	12.48	8.24	7.88	10.08
IV	10.81	14.94	12.54	7.36	7.65	10.66
V	13.88	16.99	17.80	14.64	9.03	14.47
VI	14.62	11.84	14.64	14.40	10.01	13.10
VII	13.52	20.48	16.72	20.66	13.29	16.93
VIII	14.95	14.53	17.50	9.31	12.42	13.74
Total	11.99	13.26	13.74	9.10	7.20	11.73

TABLE IV

Showing Total Enrollment by Ages and Grades—As of October 1929

Age	Sp.	Grade 1	2	3	4	5	6	7	8	9	10	11	12	P. G.	Total
Under 5 yr. 9 mo.		76													76
5 yr. 9 mo. to 6 yr. 9 mo.		296	41												337
6 yr. 9 mo. to 7 yr. 9 mo.		55	247	45											347
7 yr. 9 mo. to 8 yr. 9 mo.	1	6	52	231	57										347
8 yr. 9 mo. to 9 yr. 9 mo.	2		10	66	231	38	4								351
9 yr. 9 mo. to 10 yr. 9 mo.	2		4	16	73	192	25	3							315
10 yr. 9 mo. to 11 yr. 9 mo.	9			3	21	81	202	29	1	1					347
11 yr. 9 mo. to 12 yr. 9 mo.	3			1	3	33	62	190	44	2					338
12 yr. 9 mo. to 13 yr. 9 mo.	8			1	1	8	24	75	147	30					294
13 yr. 9 mo. to 14 yr. 9 mo.	13						7	37	84	138	31				310
14 yr. 9 mo. to 15 yr. 9 mo.	3						1	7	34	101	174	31			351
15 yr. 9 mo. to 16 yr. 9 mo.									3	43	59	144	19		268
16 yr. 9 mo. to 17 yr. 9 mo.										8	18	68	94	3	191
17 yr. 9 mo. to 18 yr. 9 mo.										4	5	25	36	5	75
18 yr. 9 mo. to 19 yr. 9 mo.											10	6	12	3	31
19 yr. 9 mo. to 20 yr. 9 mo.										1					1
Total	41	433	354	363	386	352	325	341	313	328	297	274	161	11	3979

TABLE V

FINANCIAL SUMMARY

January 1, 1929—January 1, 1930

ITEMS	Asked for by School Committee	Appropriated by Board of Aldermen	Plus or Minus Transfers and Credits	Net Appropriations	Expenditures	Balances
GENERAL CONTROL						
1. Administrative Salaries	$5,100.00	$5,100.00	$ 0.00	$5,100.00	$5,100.00	$0.00
2. Other General Salaries	3,100.00	3,100.00	— 56.00	3,044.00	3,043.87	.13
3. Other General Expenses	2,450.00	2,450.00	+ 26.00	2,476.00	2,463.90	12.10
INSTRUCTIONAL SERVICE						
1. Teachers' Salaries	266,529.00	266,529.00	+ 436.29	266,965.29	266,965.02	.27
2. Textbooks and Supplies	16,000.00	16,000.00	+ .80	16,000.80	15,994.36	6.44
3. Other Expenses	1,500.00	1,500.00	— 204.00	1,296.00	1,295.26	.74
OPERATION OF SCHOOL PLANT						
1. Janitors' Salaries	20,500.00	20,500.00	— 620.00	19,880.00	19,879.77	.23
2. Fuel	12,000.00	12,000.00	— 308.00	11,692.00	11,691.05	.95
3. Water	850.00	850.00	+ 39.00	889.00	888.70	.30
4. Light and Power	3,300.00	3,300.00	— 148.00	3,152.00	3,151.90	.10
5. Janitors' Supplies	1,100.00	1,100.00	+ 382.50	1,482.50	1,481.60	.90
MAINTENANCE OF BUILDINGS AND GROUNDS						
1. General Repairs	14,650.00	15,450.00	+ 172.62	15,622.62	15,622.45	.17
2. Furniture and Furnishings	800.00					

TABLE V—Continued

	Asked for by School Committee	Appropriated by Board of Aldermen	Plus or Minus Transfers and Credits	Net Appropriations	Expenditures	Balances
AUXILIARY AGENCIES						
1. Athletics—Grades	700.00	700.00	— 62.00	638.00	637.04	.96
2. Tuition	3,500.00	3,500.00	+ 926.00	4,426.00	4,425.37	.63
3. Janitor's Pension	500.00	500.00	0.00	500.00	500.00	0.00
	$352,579.00	$352,579.00	+$585.21	$353,164.21	$353,140.29	$23.92
SPECIAL APPROPRIATIONS						
Washington School Playground	$2,500.00	$2,500.00	$0.00	$2,500.00	$2,206.78	$293.22
Rental Athletic Field	3,500.00	3,500.00	0.00	3,500.00	3,500.00	0.00
Rental Memorial Hall	400.00	400.00	— 310.00	90.00	90.00	0.00
Roosevelt School Repairs	2,000.00	2,000.00	+ 390.00	2,390.00	2,387.00	3.00
Roosevelt School Grading	500.00	500.00	0.00	500.00	499.84	.16
High School Corridor Floor	1,800.00	1,800.00	— 52.00	1,748.00	1,519.95	228.05
High School Fire Protection	5,000.00	5,000.00	0.00	5,000.00	4,993.84	6.16
Franklin School Playground	1,500.00	1,500.00	— 103.00	1,397.00	1,397.00	0.00
Washington School Roof	1,800.00	1,800.00	— 137.00	1,663.00	1,662.45	.55
	$19,000.00	$19,000.00	—$212.00	$18,788.00	$18,256.86	$531.14
GRAND TOTAL	$371,579.00	$371,579.00	+$373.21	$371,952.21	$371,397.15	$555.06

TABLE VI
COST PER PUPIL IN AVERAGE MEMBERSHIP FISCAL YEAR
1929

		High	Elementary
General Control		42,920.68	$7,687.09
General Control, per pupil		2.71+	2.71+
Teachers' Salaries		90,531.66	176,433.36
Teachers' Salaries per pupil		84.29	62.41
Textbooks		3,920.22	4,763.33
Textbooks per pupil		3.65	1.68
Supplies		3,042.97	4,267.84
Supplies per pupil		2.83	1.51
Operation of School Plant		11,635.48	25,457.54
Operation of School Plant per pupil		10.83	9.00
Maintenance of Buildings and Grounds		4,180.16	11,442.29
Maintenance of Buildings and Grounds per pupil		3.89	4.05
Other Expenses, Athletics		521.77	1,410.53
Other Expenses, Athletics per pupil		.48	.50
Tuition—Vocational and Evening Schools	$4,425.37		
Pension—Janitor's	500.00		

The following tabulation shows the cost per pupil in Melrose for the last six years in comparison with the cost in other cities of the Commonwealth.

These figures were taken from the annual reports of the State Department of Education:

Year	Expenditure for Support of Public Schools from All Sources per pupil	Average for 39 Cities in the State	Rank among the 39 Cities in the State
1923	$79.94	$81.38	7
1924	82.72	85.13	13
1925	83.06	88.43	14
1926	86.66	90.09	14
1927	85.84	95.32	16
1928	89.73	100.19	15
1929	90.13	101.24	16

TABLE VII

SHOWING ENROLLMENT. ATTENDANCE. ETC., FOR SCHOOL YEAR ENDING JUNE 30, 1929

1. By Schools

School	Number of different pupils enrolled exclusive of re-enrollments	Number of boys	Number of girls	Average Membership	Average Attendance	Percent of Attendance
High	1087	551	536	1065.85	1009.23	94.68
Franklin	288	146	142	284.49	269.05	94.57
Gooch	311	162	149	293.66	275.66	93.80
Lincoln	390	211	179	387.26	363.90	93.96
Livermore	145	70	75	139.56	128.82	92.30
Ripley	134	72	62	127.88	117.26	91.69
Roosevelt	335	166	169	333.75	313.76	94.01
Warren	159	70	89	156.55	144.68	92.41
Washington	516	255	261	506.32	477.65	94.33
Whittier	140	74	66	137.84	125.59	91.11
Winthrop	436	240	196	421.88	395.43	93.73
	3941	2017	1924	3855.04	3621.03	93.93

2. By Grades

School	Number of different pupils enrolled exclusive of re-enrollments	Number of boys	Number of girls	Average Membership	Average Attendance	Percent of Attendance
Post Graduate	11	6	5	9.69	9.20	94.94
Senior	215	100	115	213.14	201.88	94.71
Junior	246	108	138	232.99	221.88	95.23
Sophomore	272	150	122	270.34	252.91	93.55
Freshman	343	187	156	339.69	323.36	95.19
Eighth	320	161	159	305.78	290.76	95.08
Seventh	309	155	154	325.99	307.77	94.41
Sixth	343	191	152	335.67	317.10	94.46
Fifth	335	173	162	318.81	302.24	94.80
Fourth	357	185	172	347.61	327.96	94.34
Third	370	183	187	368.63	345.96	93.85
Second	356	178	178	343.63	318.37	92.64
First	420	213	207	398.14	361.29	90.74
Special	44	27	17	44.93	40.35	89.80
	3941	2017	1924	3855.04	3621.03	93.93

TABLE VIII
DISTRIBUTION OF EXPENSES BY SCHOOLS, FISCAL YEAR ENDING, DECEMBER 31, 1929

	General Control	Other Expenses	Teachers including Principals	Textbooks	Supplies	Janitors' Services	Janitors' Supplies	Fuel	Water	Light and Power	Repair of Buildings	Furniture and Furnishings	Totals
High School		$521.77	$90,531.66	$3,602.84	$2,769.06	$5,853.76	$346.48	$3,058.95	$143.18	$790.12	$3,347.57	$801.33	$111,766.72
Sewall School						769.57	9.80	606.66	9.46	47.50	31.26		1,474.25
Franklin School		5.00	16,034.77	393.76	435.17	1,512.14	57.05	865.82	49.86	56.50	641.43		20,051.50
Gooch School		38.03	14,282.64	449.11	396.04	1,512.14	69.68	550.69	28.24	201.90	504.90	6.19	18,039.56
Lincoln School		38.85	22,104.57	585.55	470.04	1,634.63	90.90	839.73	125.20	169.12	87.84	59.70	26,206.13
Livermore School		1.00	8,347.47	164.07	113.79	769.57	17.85	614.20	38.14	79.18	484.52		10,629.79
Ripley School			6,421.66	131.86	139.06	836.14	31.11	240.17	34.45	101.16	281.81		8,217.42
Roosevelt School		72.90	22,094.19	683.48	805.56	1,772.86	61.85	874.26	50.15	567.90	1,417.79	323.04	28,723.98
Warren School		27.97	7,749.08	153.41	124.60	769.57	22.10	888.15	50.70	51.40	620.64		10,457.62
Washington School		112.21	29,148.42	874.29	869.43	1,978.39	85.67	1,585.32	129.87	480.63	1,885.30	23.00	37,172.53
Whittier School			7,362.54	203.05	120.56	769.57		728.51	39.38	39.62	279.91		9,543.14
Winthrop School		16.68	23,489.61	662.86	526.40	1,701.43	95.91	818.84	190.07	566.87	2,729.98	296.69	31,095.34
All Schools	$10,607.77	444.45	5,705.40	282.91	210.85		338.32	19.75			1,740.05	5.00	19,354.50
Suspense		16.40		178.98	56.34		254.88				54.50		561.10
Tuition													4,425.37
Domestic Science (Sal. only)													3,398.38
Manual Training (Sal. only)													4,608.24
Music (Sal. only)													2,135.15
Drawing (Sal. only)													1,800.00
Physical Education (Sal. only)													1,751.24
Special Science													273.91
Special Music													317.38
Special Athletics—Grades													637.04
Janitor's Pension													500.00
	$10,607.77	$1,295.26	$253,272.01	$8,366.17	$7,036.90	$19,879.77	$1,481.60	$11,691.05	$888 .70	$3,151.90	$14,107.50	$1,514.95	$353.140.29
SPECIAL APPROPRIATIONS													
Rental Athletic Field													3,500.00
Rental Memorial Hall													90.00
Washington School Playground													2,206.78
Washington School Roof													1,662.45
Roosevelt School Repairs													2,387.00
Roosevelt School Grading													499.84
Franklin School Playground													1,397.00
High School Fire Protection													4,993.84
High School Corridor Floor													1,519.95
													$371,397.15

TABLE IX

NUMBER OF TEACHERS INCLUDING PRINCIPALS IN THE DIFFERENT DEPARTMENTS JUNE 30, 1929

	Male	Female	Total
High (Grades 9, 10, 11, 12)	12	30	42
Grammar (Grades 5, 6, 7, 8)	3	42	45
Primary (Grades 1, 2, 3, 4)	0	50	50
Supervisors: Music	0	2	2
Drawing	0	1	1
Household Arts	0	1	1
Manual Training	2	0	2
Physical Education	0	1	1
Nurse	0	2	2
	17	129	146

TABLE X

REPORT OF SCHOOL NURSES

January 1929 to January 1930

	High	Franklin	Goooh	Lincoln	Livermore	Ripley	Roosevelt	Warren	Washington	Whittier	Winthrop	Total
Number of visits to schools	125	74	74	80	95	51	68	66	94	64	73	864
Number of pupils examined with school physician	330	310	298	399	147	119	33	189	490	188	316	2819
Number of pupils referred by teachers	952	436	754	827	647	335	761	285	1012	442	556	7007
Number of visits to pupils in homes	12	43	64	66	97	47	16	25	106	22	25	523

TABLE XI

AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES

October 1, 1929

Primary:	Grade 1	6 years 2 months
	Grade 2	7 years 3 months
	Grade 3	8 years 5 months
	Grade 4	9 years 5 months
Grammar:	Grade 5	10 years 8 months
	Grade 6	11 years 8 months
	Grade 7	12 years 6 months
	Grade 8	13 years 7 months
High:	Freshman Class	14 years 8 months
	Sophomore Class	15 years 1 month
	Junior Class	16 years 6 months
	Senior Class	17 years 5 months
	Post Graduates	18 years 2 months

INFORMATION ABOUT SCHOOL BUILDINGS

MELROSE, MASSACHUSETTS

Name	When Built
Franklin	1896
Lincoln	1896
High (original building)	1897
High (addition)	1908
Old Winthrop	1891
Gooch	1886
Whittier	1884
Warren	1892
Washington (original building)	1896
Washington (addition)	1924
Livermore	1891
Roosevelt	1924
New Ripley	1924
Sewall	1874
New Winthrop	1926

ESTIMATED VALUE OF SCHOOL PROPERTY

December 2, 1929

School	Buildings	Land	Furnishings
High	$300,000	$58,200	$23,000
Washington	100,000	5,000	10,000
Franklin	60,000	10,000	5,000
Gooch	50,000	4,500	5,000
Livermore	35,000	6,600	2,500
Warren	14,000	3,000	2,500
Lincoln	60,000	9,000	5,000
Sewall	8,000	7,400	2,500
Winthrop	11,000	3,000	500
Whittier	7,500	3,000	2,500
Roosevelt	177,000	2,000	15,000
New Ripley	54,000	4,000	1,500
New Winthrop	194,229		14,000
	$1,070,729	$115,700	$89,000

Washington Playground	$2,500
Lincoln Playground	$6,500

RESULTS OF HEARING TESTS WITH AUDIOMETER
December, 1929

Grades 4 to 8 Inclusive

Number pupils tested	1410
Number pupils on first test showing hearing loss of 9 or more sensation units in one or both ears	189
Number pupils retested	123
Number pupils on retest showing hearing loss of more than 9 sensation units in one or both ears	46
Percentage pupils tested showing hearing defects	3.3
Number parents notified	37
Number parents included in above who were notified last year	18

GENERAL STATISTICS

Population of Melrose, April 1929	$23,440
Number of different pupils enrolled exclusive of re-enrollments school year 1928-29	3,941
Number in High School	1,087
Number in Elementary Schools	2,854
Total approved school bills fiscal year 1929	371,397.15
Amount expended for High School (exclusive of General Control)	124,436.05
Cost per pupil in the High School based upon average membership Jan. 1, 1929 to Jan. 1, 1930 (1074)	115.86
Amount expended for Elementary Schools fiscal year 1929 (exclusive of General Control)	231,927.96
Cost per pupil in elementary schools based upon average membership Jan. 1, 1929 to Jan. 1, 1930 (2827)	85.76
Amount expended for tuition (vocational schools)	3,692.47
Amount expended for tuition (evening high)	732.90
Number of Special Teachers and Supervisors Jan. 1, 1930	7
Number of School Nurses Jan. 1, 1930	2
Number of High School Teachers including principals, Jan 1, 1930	43
Number of Elementary Teachers including Principals, Jan. 1, 1930	103
Number of pupils Jan. 1, 1930 enrolled per teacher in High School, excluding Principal	27
Number of pupils enrolled per teacher in elementary schools, excluding non-teaching Principals, Jan. 1, 1930	28

MELROSE HIGH SCHOOL
Class of 1929

Program

INVOCATION
Rev. John R. Nelson, Pastor Hillcrest Church

EGMONT OVERTURE . . . . . *Beethoven*

SALUTATORY and ESSAY—"Beyond the Gates"
Barbara Clement Clarke

CHORUS—Bridal Chorus—"The Rose Maiden" . . *Cowen*

VALSE DES FLEURS—The Nut Cracker Suite . . *Tschaikowsky*

HONOR PART a. Nocturne, b. Valse } Cesar Cui
Marjorie Leola Houser, Flute
Katharine Swett, Violin

SELECTION—Riding Down the Sky . . . . *O' Hara*

VALEDICTORY and ESSAY—"Crossing the Atlantic"
Prentiss Lobdell

ANNOUNCEMENT BY THE PRINCIPAL

PRESENTATION OF DIPLOMAS
Mr. Harry F. Sears
Chairman of the School Committee

THE SKY PILOT
Eliot Smith, '29

THE AMERICAN ODE . . . . . *Kountz*
(Chorus—Piano and Organ)

HONOR LIST

All A and B Averages in four years

Gertrude Mary Bryan	Gertrude Marie Quinn
Barbara Clement Clarke	Mary Russell Stetson
Marjorie Leola Houser	Chester U. Stevens
Prentiss Lobdell	Katharine Swett
Madelyn Harding Patten	Alice A. Wightman
Irene Beatrice Polansky	Constance Willey

PERFECT ATTENDANCE
(Neither absent nor tardy)

Paul Ehlert	Prucia Lanen
Bettina Hunt	Prentiss Lobdell
Doris Johnson	

Prizes Awarded June 1929

LEVI GOULD MEDAL
Prentiss Lobdell

KAPPA PRIZE — Elizabeth Hicks
WASHINGTON AND FRANKLIN MEDAL — F. Carroll Love
TEACHERS' CLUB SCHOLARSHIP — William Morrill

MELROSE HIGH SCHOOL ORCHESTRA

Alma Dunbar Holton, Director

Violins

Warren Ells, Concert master
William Alexander
Rodney Buttrick
Isabel French
Carolyn Fletcher
Frank Merriam
Harold Merrifield
Edward Milano
Gertrude Quinn
Marjorie Sturges
Katharine Swett
Avis Shaw
Gladys Stevens
Louis Norris
R. Errington Ward

Cello

William Bigglestone
Eleanor Churchill

Flute

Marjorie Houser
Ruth Bigglestone

Clarinet

Phyllis Marston
Theodore Hupper
Robert Claus
C. Arthur Mayo
Althea Whitney
Richard DeWolfe

Saxophone

Beulah Crosby
Jane Maguire
John Calhoun

Trumpets

Lella Cutts
Ruth Gerry
Harry Bowser
Dorothy Hixon
Kempton Lamson
Robert Holman
Verna Shaw
Melva Kehoe
Dorothy Shepherd
Robert Curry

Trombone

Robert Chaffee
Kingsley Brown
William Morash

Sousaphone

Stow Persons

Drums

Arthur Pike
Herbert Benedict
Stanley Mason
Clarke Wallace
Albert Burgess

Piano

Eliot Smith

Organ

Mary Stevens

Librarian

R. Errington Ward

GRADUATING CLASS OF 1929

Elva Allen
Dorothy E. Allis
Daisy Marie L. Anderson
Eleanor M. Andrews
Harold Cyril Armstrong
Anna L. Barrett
William T. Barry, Jr.
Arlene Forest Barter
George Beal
Geraldine Benner
Albert A. Berninger
Joseph H. Berry
Ruth Lillian Bigglestone
Charles F. Binda
William E. Bishop
John Wesley Black
Phyllis Elaine Blaisdell
Eleanor Merrill Bleyle
Helen Muriel Blodgett
Blanchard Ferris Bolton
Harry E. Bowser, Jr.
Joseph W. Boyle
Ruby Elaine Brettell
H. Kingsley Brown
Bernard F. Bryan
Gertrude Mary Bryan
Barbara Bullens
Dorothy Bullens
Rodney Colby Buttrick
Marjorie B. Cameron
Earl Nelson Cary
Robert Howe Cary
Beatrice Frances Casano
Floyd Blake Cassaboom

Robert Hanson Chaffee
Irving K. Chamberlain
Harold L. Champion
Barbara Clement Clarke
Ada Florence Cole
Martha Brown Corner
Elizabeth E. Corriveau
Arnold Stevenson Creelman
Robert Bartless Crosby
Harry Foster Crouss
Ralph Norman Cummings
Henry Johnson Curtis
Lella Marguerite Cutts
Barbara C. Darling
Marjorye Ellen Davis
Dorothy M. Davison
Anne Patricia Delaney
Helen L. Desmond
Barbara T. Dix
Serena Alice Dondero
Louise Dorothy Dwyer
Marjorie Louise Eaton
Paul G. Ehlert
Warren Holmes Ells
Thelma May Ells
S. Elizabeth Emery
Edna A. Etsell
Alice Mary Ferrell
Irving Eliott Flanagan
John Thomas Foster, Jr.
Bradford Raymond Frost
Mildred Furber
Ruth Walcott Gerry
Annette C. Gile
Roland Douglass Glenn
Arthur Everett Goodwin, Jr.
Charlotte Z. Gove
Elisabeth Graves
Eleanor Norwood Greene
Chester Ellsworth Grove
Constance Gustin
Walter Gately Hannegan
Jean Lucille Harlow
John B. Harris
John Halford Hearne
Aina L. Hedberg
Elizabeth Hicks
Ethel M. Higgins
Gertrude Louise Hixon
Thelma J. Hindon
Marjorie Leola Houser
Marjorie Snow Howe
Bettina S. Hunt
Helen Hunt
J. Wilbert Hutton
Kenneth N. Hynes
Marjorie Ruth Issacs
Alan Boynton Johnson
Anne Carolyn Jackson
Doris Louise Johnson
Annie R. Kasprzak
Edward L. Keating
Joseph H. Keene
Ralph Taylor Keeney
Myra Kelley
John Lincoln Keough
Edna G. Kidd
Russell S. Kidd
Elizabeth Valborg Kjell
Doris Ellen Ladley
Prucia Morrill Lanen
Ruth Layden
Earl T. Larrabee
Mercedes Elvira Libby
Vera Eleanoe Lindell
Prentiss Lobdell
F. Carroll Love
Dorothy Wadleigh Lynde
Harriet D. Magnuson
Lawrence W. Mahan
Elizabeth A. Malm
Henry J. Margosian
Edith Bartless Mathias
Ralph E. McCann
M. Carolyn McCormick
Louis E. Menadue
Harold C. Merrifield
Helena C. Millane
Helen Elizabeth Monroe
Evelyn A. Moores
Bernard H. Moors
Roy B. Morrell
William Morrill
Richard A. Munn
Matilda C. Munsen
Carroll T. Newton

Charlotte Ann Nichols
Audrey Louise Nicoll
Ruth Muriel Noble
Frank A. Norgren
Louis Hailer Norris
Richard Whitney Noyes
James Freeman Nutt
Gerald Vincent O'Connor
Lillian B. Ollis
William J. Orthman
Frank Eldridge Palmer
Robert D. Parmenter
Edith M. Parsons
Madelyn Harding Patten
Hollis Peters
Eben F. Phillips, Jr.
Helen Phillips
Marion Frances Pierce
H. Elizabeth Pipe
Margaret Edith Porter
Irene Beatrice Polansky
Sigmund J. Posner
Dorothy Pearl Powers
M. Shirley Proctor
Gertrude Marie Quinn
Harold Kenneth Rand
Florence Mary Reardon
Samuel L. Reed
M. Virginia Richards
Lorrin Andrews Riggs
Paul L. Robbins
Kenneth George Roeder
Marjorie Virginia Ross
Edward C. Rotondi
Margaret C. Ruddock
L. Lynde Russell
Miriam Irene Russell
E. Perrin Sample
Malcolm M. Sampson
Dominic J. Scenna
William M. Scenna
Verna Laura Shaw
Dorothy Lawson Shepard
Thelma Pearl Singer
Florence May Skillings
Eliot Smith
Helen L. Smith
Kenneth A. Smith
Max Laurel Smith
Milton T. Smith
Peter W. Smith
Ruth Merrill Snell
William Alexander Soley, Jr.
Philip Walter Souter
William G. Spadafora
Florence Evelyn Spraker
Robert Spurr
Victoria E. Stearns
Mary Russell Stetson
Chester U. Stevens
Gladys E. Stevens
Mary Virginia Stevens
Kenneth E. Stiles
Virginia Lawrence Stone
Barbara Lucille Stuart
W. Prescott Stuart
Frances E. Swett
Katharine Swett
Lois Evelyn Taber
Priscilla Mitchell Thomas
William A. Toomey
Walter Everett Trites
Beatrice Emma Tourtillott
Dorothy Bradford Townsend
William C. Tulley
Wallace Irving Van Cor
Dorothy Agnes Van Riper
Henry Leland Varley
Edward Joseph Wannlund
Dorothy Gladys West
Edith M. West
Ellen E. West
John Durkee Westhaver
Constance Willey
Alice A. Wightman
Gladys L. Wood
Leighton Harriman York
Valerie Weye Wilson

WASHINGTON SCHOOL—Graduates 1929

Pollp P. Patten
Dorothy F. Pickett
Helen M. Ramsey
Bertha F. Richardson
Marjorie E. Ring
Elinor F. Rogers
Bertha P. Russell
Esther B. Smiley
Mildred L. Smiley
Evelyn L. Smith
Elizabeth P. Stantial
Barbara F. Tibbetts
Ruth Turner
Mildred A. Volpe
Edna L. Young
Meredith S. Zahn
George L. Reid
Norman E. Robinson
Theodore J. Rogers
Maurice C. Rotondi
Paul E. Sampson
Lawrence C. Shaw
John W. Taylor
Joseph R. Williams
Richard E. Alexander
Edith L. Anderson
Gordon E. Blake
Eleanor E. Baker
Wallace R. Creelman
Margaret Chandler
Gail Chase
Isabel M. Costa
Lydia E. Campea
Phoebe Daniels
Virginia A. Doughty
Marion P. DeLuca
Walter K. Donle
Thomas F. Foley
Norman J. Furber
Frederic C. Fallon
Alvira Ferraro
Malcolm E. Lewis
Donald E. Livingston
Loring F. Lyford
Ernest L. MacKenzie
Arthur Malenchini
John Malchini
Robert B. Marsh
G. Hamilton Merrifield
Kenneth M. Nelson
Walter H. Newman
Henry B. Niemeyer
Edna S. Ingham
Elizabeth F. Maker
Susan W. Malm
Marjorie E. Hindon
Audrey Mason
Elizabeth Niles
Elizabeth Noyes
Dorothy C. G. Ollis
Esther L. Phipps
Gertrude Feldman
Alison Fonda
Richard B. Franklin
Francena M. Gill
Marjorie Haskell
Louis B. Heaton, Jr.
Barbara W. Heinlein
Joseph F. Higgins
John M. Hughes
Beatrice P. Hult
Ruth B. Hunter
Harry O. Jacobson
Stephen R. Jeffery
Raymond W. Larson
Dorothy W. Lawrence
Alice M. Lerner
John B. Lewis
Mabelle E. Lopez
Dorothy E. Lundberg
Robert L. Brown
Merton F. Bourne
Alice M. Bertoulin
John J. Murphy
John R. MacKenzie

LINCOLN SCHOOL—Graduates 1929

Paul F. Varney
Muriel E. DeFreitas
William E. Taylor
Charles F. Dyer
Harvey J. Lobdell
Dorothy A. Swensson
Howard M. Hickey
Robert S. Baker
Helen F. Waystack
Wesley A. Cilley
M. Alice Vogel
Leonard H. Straw
Roger Wingate
Carolyn E. Mitchell
Elmer L. Berry
John B. Anderton
Jean M. Clark
Miriam F. L. Sullivan
C. Linwood Nourse
Dorothy V. Williamson
Linwood R. Leavitt
Frank Dresser
Dorothy M. Sauer
Charles L. Mace
Miriam B. Jones
Frances C. Jones
Clifton P. Plumer
Paul C. Cox
Donald A. Brooks
Evelyn A. Conaxis
Pierre Spadafora
Barbara A. Loring
Harold R. Johnson
Charlotte M. Lilly
Bernard P. Spadafora
Charles C. Davis, Jr.
James O. Thrope
Joseph A. Spadafora
Ruth L. Hinchley
Bernard E. LeFave
Naomi Fickett

ROOSEVELT SCHOOL—Graduates 1929

Graham G. Alvord
Clarence D. Bemis, Jr.
Raymond H. Berquist
John F. Carney
Burton H. Curley
Trevor A. Cushman, Jr.
George R. Forbes
Richard H. Foster
W. Stowell Howard
Lydia Barnes
Alice J. Bartels
Hilda W. Baumann
Ruth A. Blaisdell
Dorothy L. Briggs
Virginia D. Briggs
Dorothy H. Brown
Audrey V. Caesar
Marion P. Cole
Ruth G. Collins
Anita M. Counsell
Faith S. Crossman
John Frye
Robert S. Garden
Bernard R. Glenn
George R. Glover
Frederick L. Gwynn
Burton T. Harlow
Parker E. Lichtenstein
Rolliston W. Linscott, Jr.
Arthur W. Lithgow
John McGlone
Thomas E. McGonagle
Irving Mesnick
Frederick J. Montgomery
Elmer J. Perry
George Powers
Melvin A. Prohl
Dorothy E. French
Constance P. Gilmore
Vera L. Kenison
Ethel L. Kennedy
Elizabeth Leib

Elizabeth S. Linscott
Bertha Lofchie
Virginia Mackay
Elizabeth Manson
Bessie T. McFadden
Helen O. Nesmith
Barbara A. Porter
Joseph R. Rector
G. Philip Russell
Richard C. Savage
Robert E. Snell
Richard M. Steer
Richard U. Surbeck
Benjamin P. Terry
Warren S. Todd
Arthur F. Waite
Ralph L. White
Irma M. Berthel
Ruth E. Ratcliffe
Helen E. Richardson
Lucille A. Richardson
Beatrice E. Richdale
Leonora S. Roberts
Muriel W. Robinson
Beulah O. Shaw
Ruth A. Simkins
Margaget J. Spiller
Elizabeth E. Sonte
Gladys A. Tourtillott
Barbara E. Verge
Jeannette M. Walker
Sybil L. Walls
Elizabeth C. Weir
Janice Wheeler
Phyllis R. Wheeler
Florence Wills
Lelia M. Wray

GOOCH SCHOOL—Graduates 1929

Robert S. Boyazian
Ralph Cincotta
C. Francis Coleman
John E. Conley
Wilfred Couch
Thomas A. Crane
Willard M. Gillies
Roger T. Harden
Chesley J. Kasprzak
Edwin D. Libby
Kenneth E. Lyle
Daniel F. Madden
Alfred L. Marshall
C. Richard Pipe
David F. Thomson
William R. Wheeler
Irene E. Cairns
Eileen K. Crossman
Helen S. Crouss
Marion L. Decker
Elinor M. Giles
Elizabeth F. Hodgman
Eleanor L. McHatton
D. Helen McIlwraith
Mary F. Mills
Jessie C. Mullen
Eleanor B. Paddock
Martha E. Pitts
Martha H. Skillings
Priscilla Smith
Tenney M. Tibbetts
E. Lloyd Vaughan
Harriet E. Webster
Louise Worthen
Rita S. Fortier

AWARD OF PRIZES—ELEMENTARY SCHOOLS—June 1929

Levi S. Gould Medal of Honor—awarded to the pupil attaining the highest proficiency in his or her class.

Dorothy Sauer, Lincoln School

Humane Society—Cup given by Humane Society to pupil in 7th grades writing the best composition on a "Kindness to Animals" subject.

First Prize Carl Blanchard, Roosevelt School
Honorable Mention Constance Mason, Washington School

W. C. T. U. Prize—$5.00—awarded to 8th grade.

First Prize—"Jack and Mary decline tobacco." Jean Clark, Lincoln School
Honorable Mention—Jeanette Walker, Roosevelt School.

Hesseltine Prize—$5.00 in gold—awarded to 8th grade—"Kindness to Animals"

First Prize—Leonard Straw, Lincoln School
Honorable Mention—Thomas Crone, Gooch School

The Porter Cup—awarded by S. S. Porter to the boy building and racing the best motor boat. (To be held by school winning it three times.)

Richard C. Savage, Roosevelt School

Woman's Club Drawing Prizes—3 prizes in gold of $2.50 each.

Gail Chase, Washington School
Lydia Barnes, Roosevelt School
Jessie Mullen, Gooch School
Honorable Mention—Dorothy Sauer, Lincoln School

Practical Arts Center

Awards given by Melrose Women's Club:

I. Manual Training—**8th grade awards**

$2.00 First Prize Frederick Montgomery, Roosevelt School
$1.00 Second Prize Robert Garden, Roosevelt School
$1.00 Third Prize Frederick Chetwynd, Roosevelt School

7th Grade

$2.00 First Prize Elmer Dailey, Gooch School
$1.00 Second Prize David Doughty, Roosevelt School
$1.00 Third Prize Bruce Acker, Gooch School

6th Grade

First Prize Ralph Dunning, Franklin School
Second Prize Betty Brown, Roosevelt School
Third Prize William Schaeffer, Franklin School

II. Sewing

7th Grade

First Prize	Phylis Mason, Roosevelt School
Second Prize	Lora Erhard, Gooch School
Third Prize	Mildred Weston, Roosevelt School

6th Grade

First Prize	Beatrice Whittemore, Franklin School
Second Prize (tie)	(Margaret Crossmann, Franklin School
	(Barbara Wagstaff, Franklin School

Index to Auditor's Report

	Page
Agency, Trust and Investment Transactions	90
Aldermen	40
Assets and Liabilities	37
Assessments, Street Sprinkling	64
" Moths	57
" Sewer	38
" Sidewalks	39
" Street Betterments	39
Assessors	44
Auditorium	49
Auditor	33
Bathhouses	81
Board of Appeal	47
Board of Survey	47
Bonded Debt	34
Cash Account for 1929	35
Celebrations and Entertainments	82
Cemetery Department	88
Charities	66
City Clerk	45
City Hall	49
City Physician	46
City Solicitor	45
Collector	43
Commonwealth of Massachusetts	39
Election and Registration	46
Engineers	48
Estimated Receipts	36
Excess and Deficiency	36
Fence Viewers	47
Finances	33
Fire Department	53
Forestry	57
Garage Commission	47
General Government	40
Health Department	58
City Hall Building	

Contents

	Page
Advisory Committee Soldiers' and Sailors' Memorial Building	8
Assessors	12
Board of Aldermen	3
Board of Appeal	11
Board of Health	14
Board of Survey	30
Bonds and Notes	34
Cemetery Committee	31
Cemetery Trust Funds	109
City Auditor	33
City Clerk	103
City Collector	117
City Officers	5
City Physician	29
City Treasurer	104
Fence Viewers	152
Fire Department	119
Government of the City of Melrose	3
Inspector of Animals	28
Inspector of Buildings	122
Inspector of Milk	26
Inspector of Plumbing	25
Law Department	123
License Commissioners, Report of	124
Mayor's Inaugural Address	
Memorial Building	111
Park Commissioners	133
Pine Banks Park, Trustees	141
Planning Board	142
Police Department	144
Public Health Nursing Service	29
Public Library Trustees, Report of	113
Public Welfare, Report of	125
Public Works Department	155
Registrars of Voters	146
School Department	205
Schools, Superintendent of	201
Sealer of Weights and Measures	147
Sinking Fund Commission	153
Soldiers' Relief Department	149
Wire Department	151